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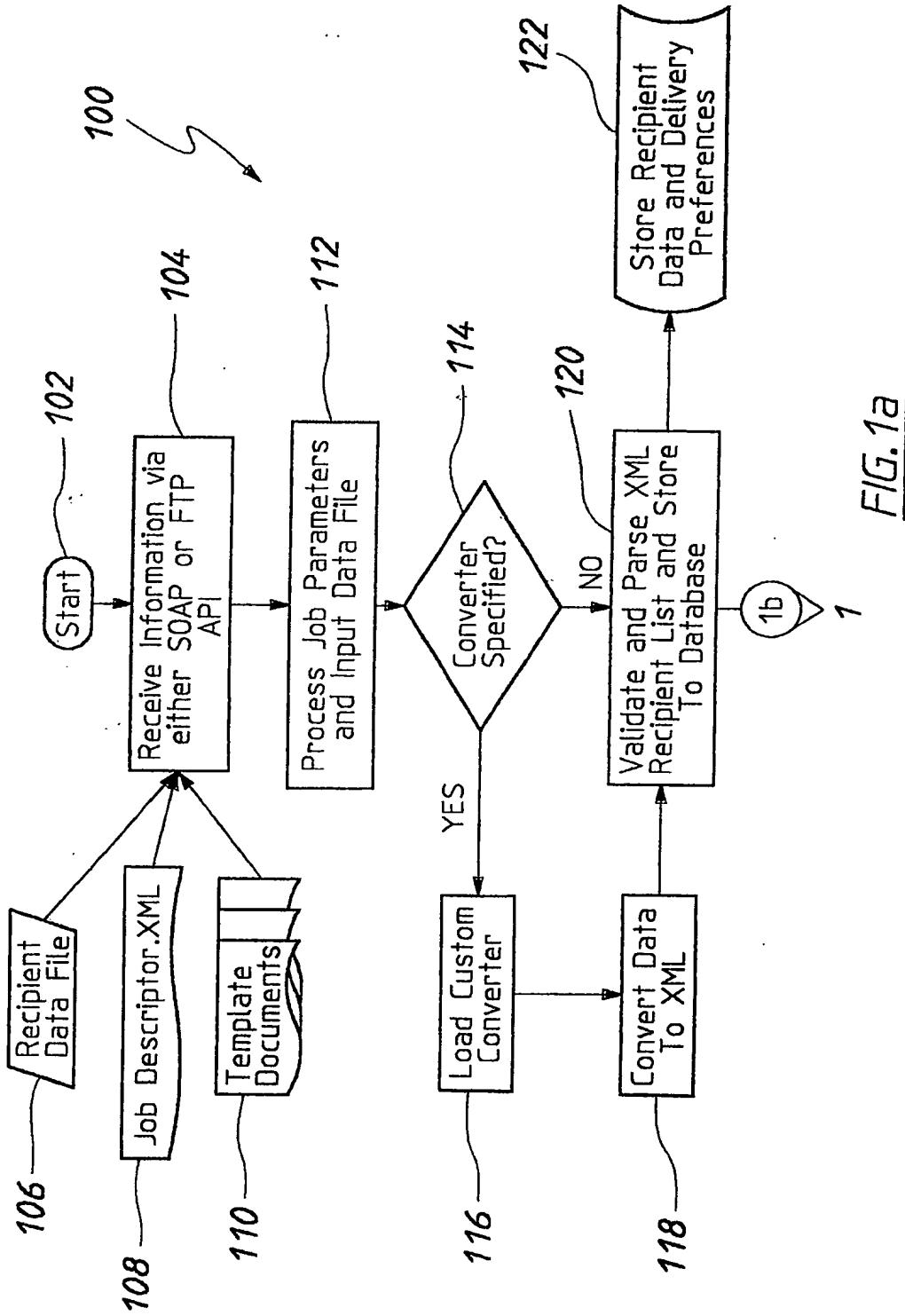
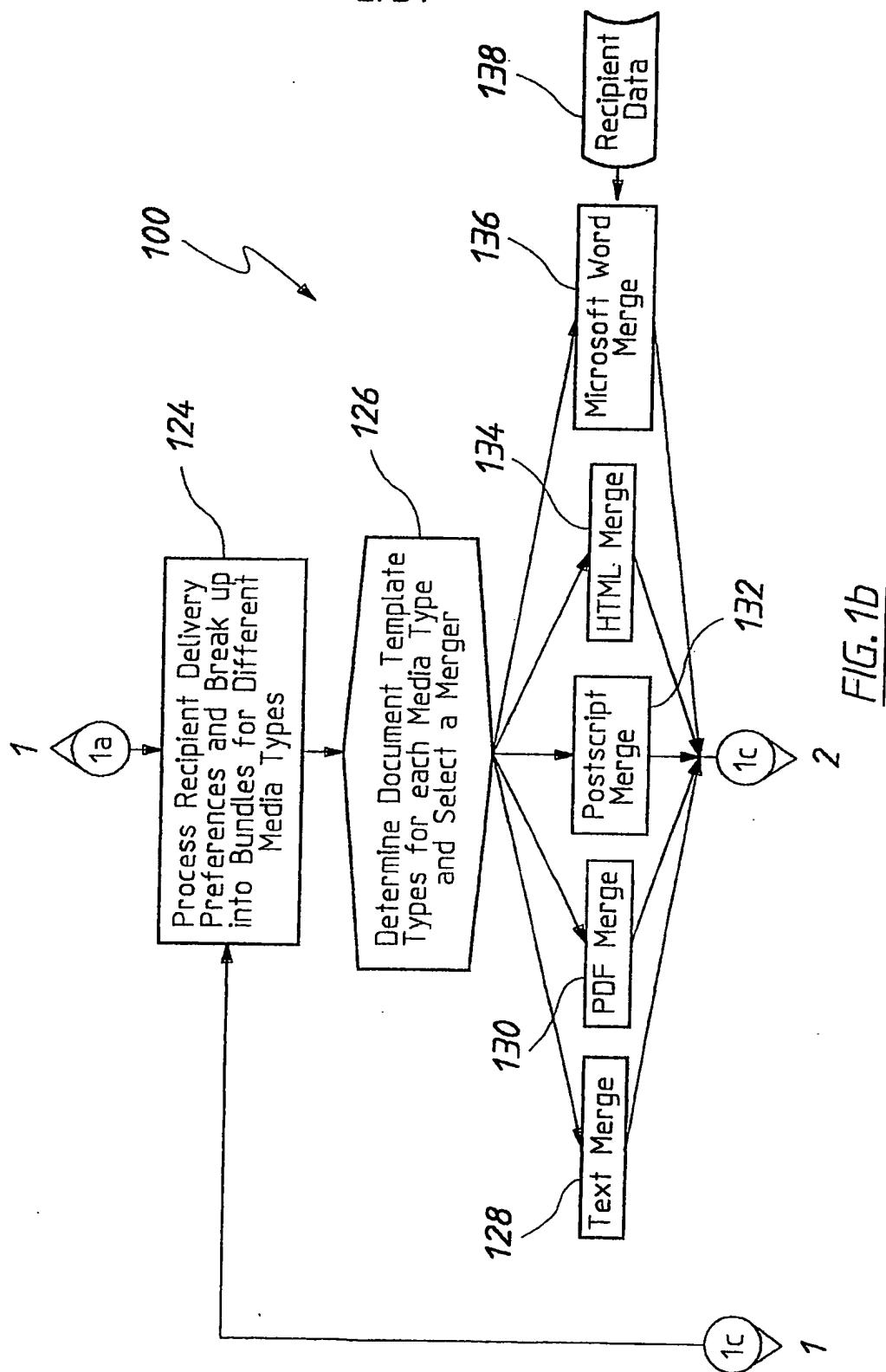
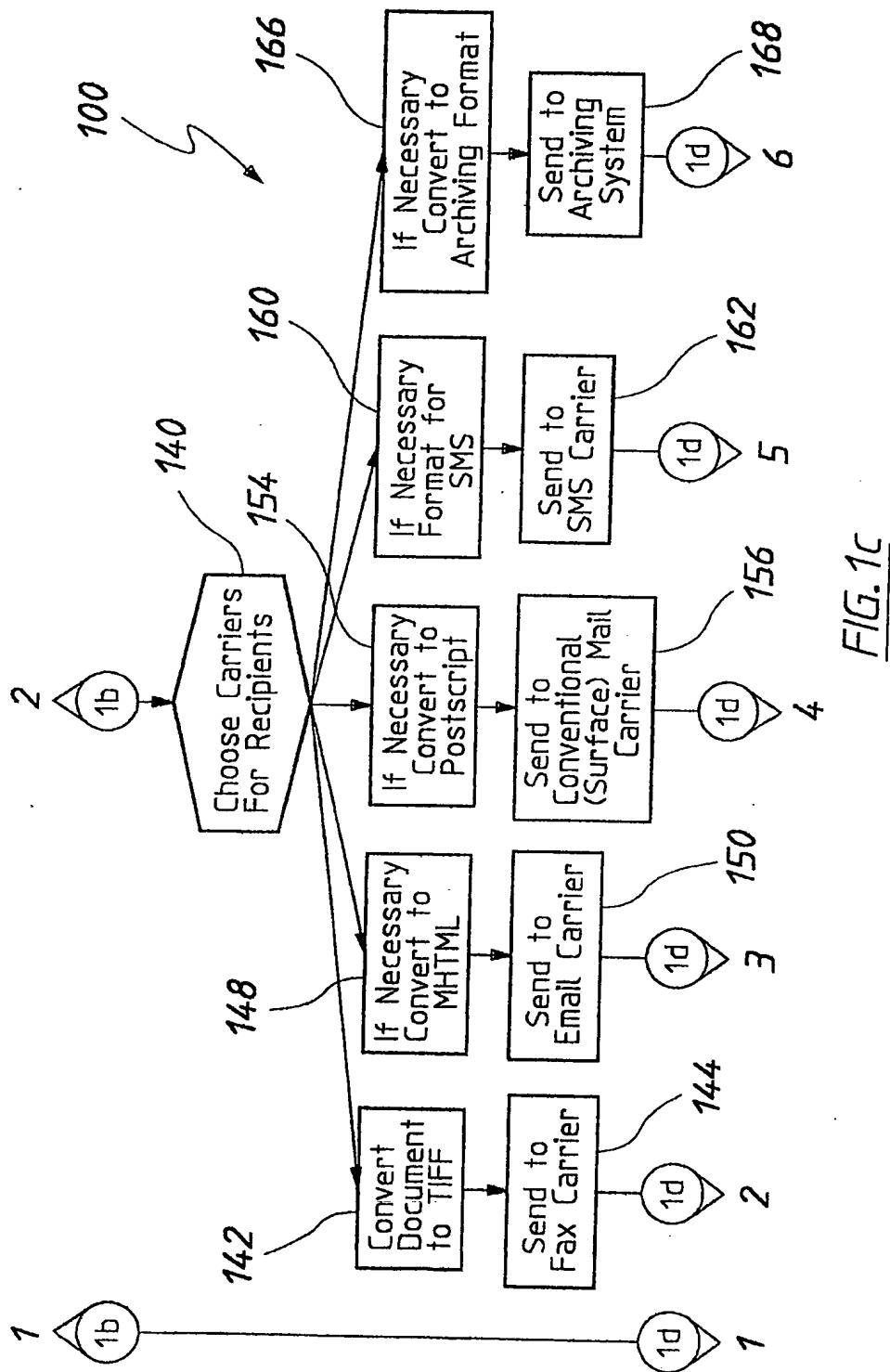


FIG. 1a

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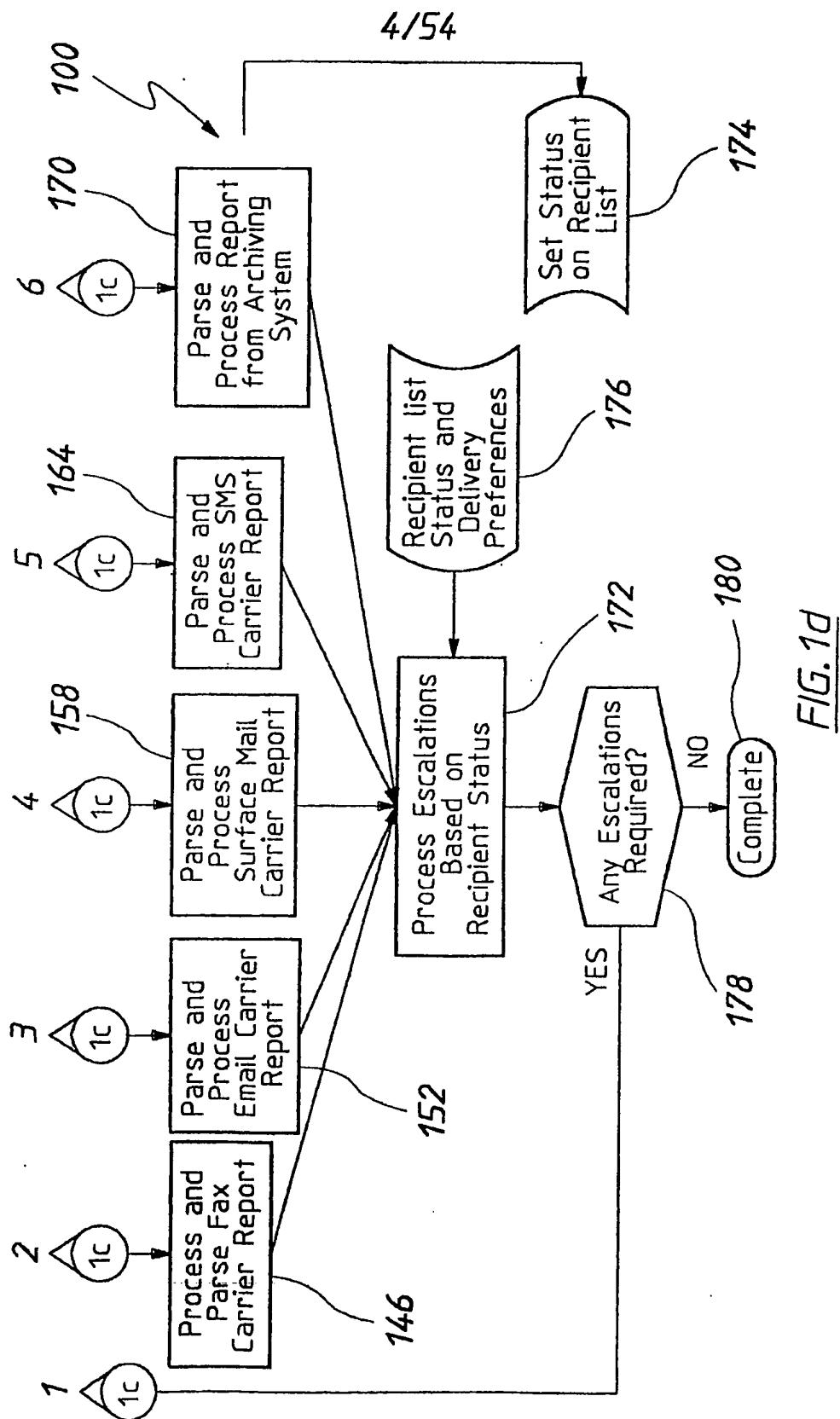
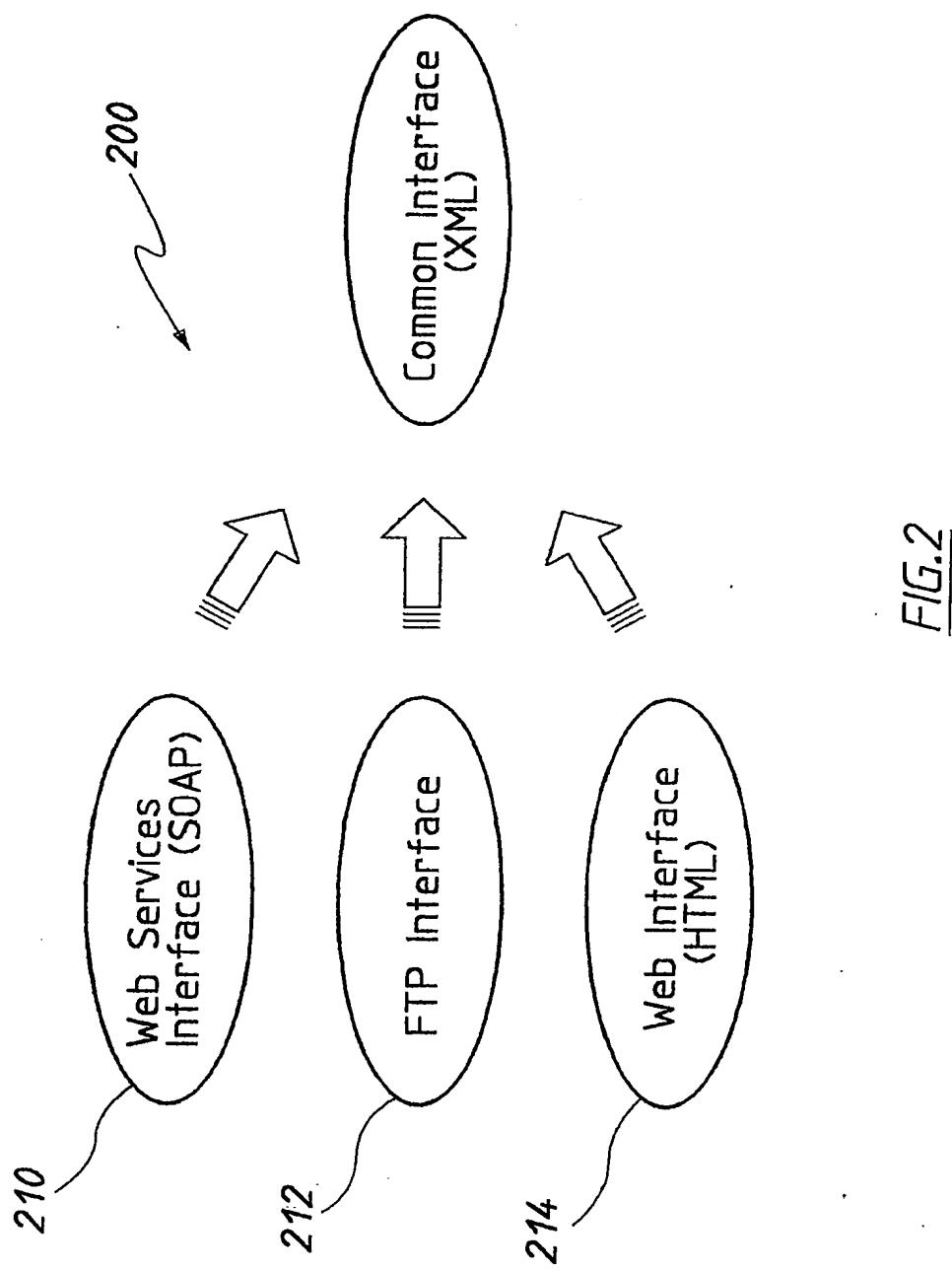
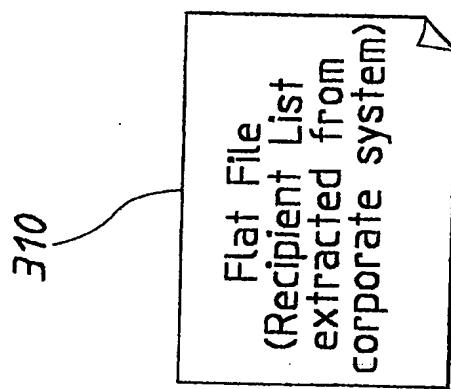
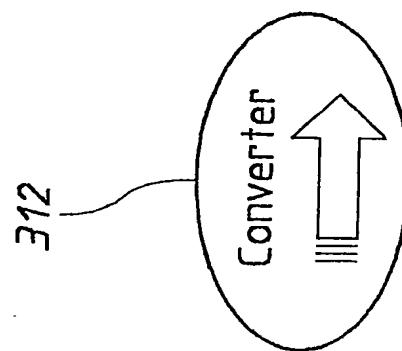
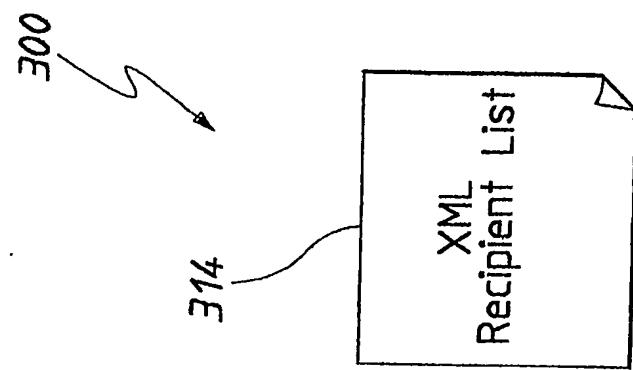


FIG. 1d

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FIG.3

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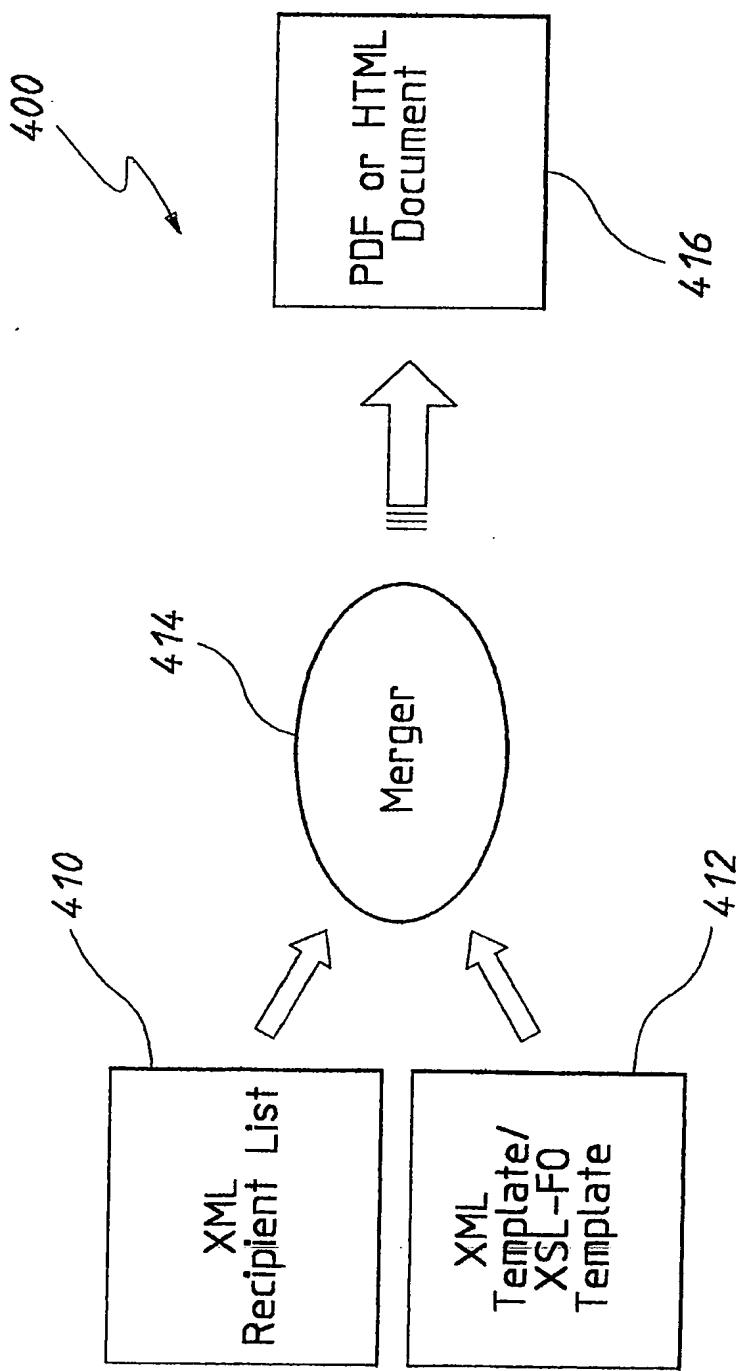


FIG. 4

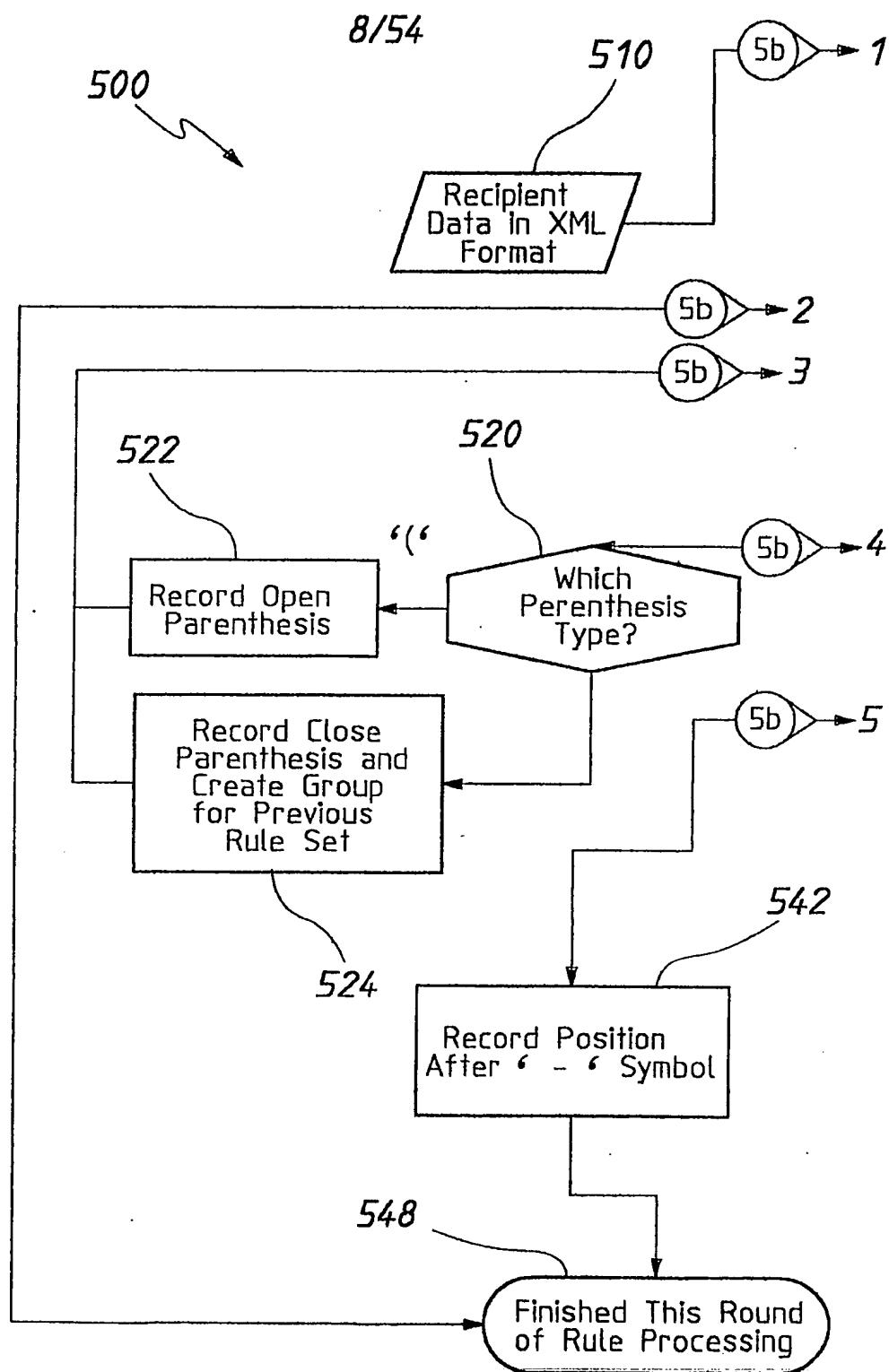


FIG.5a

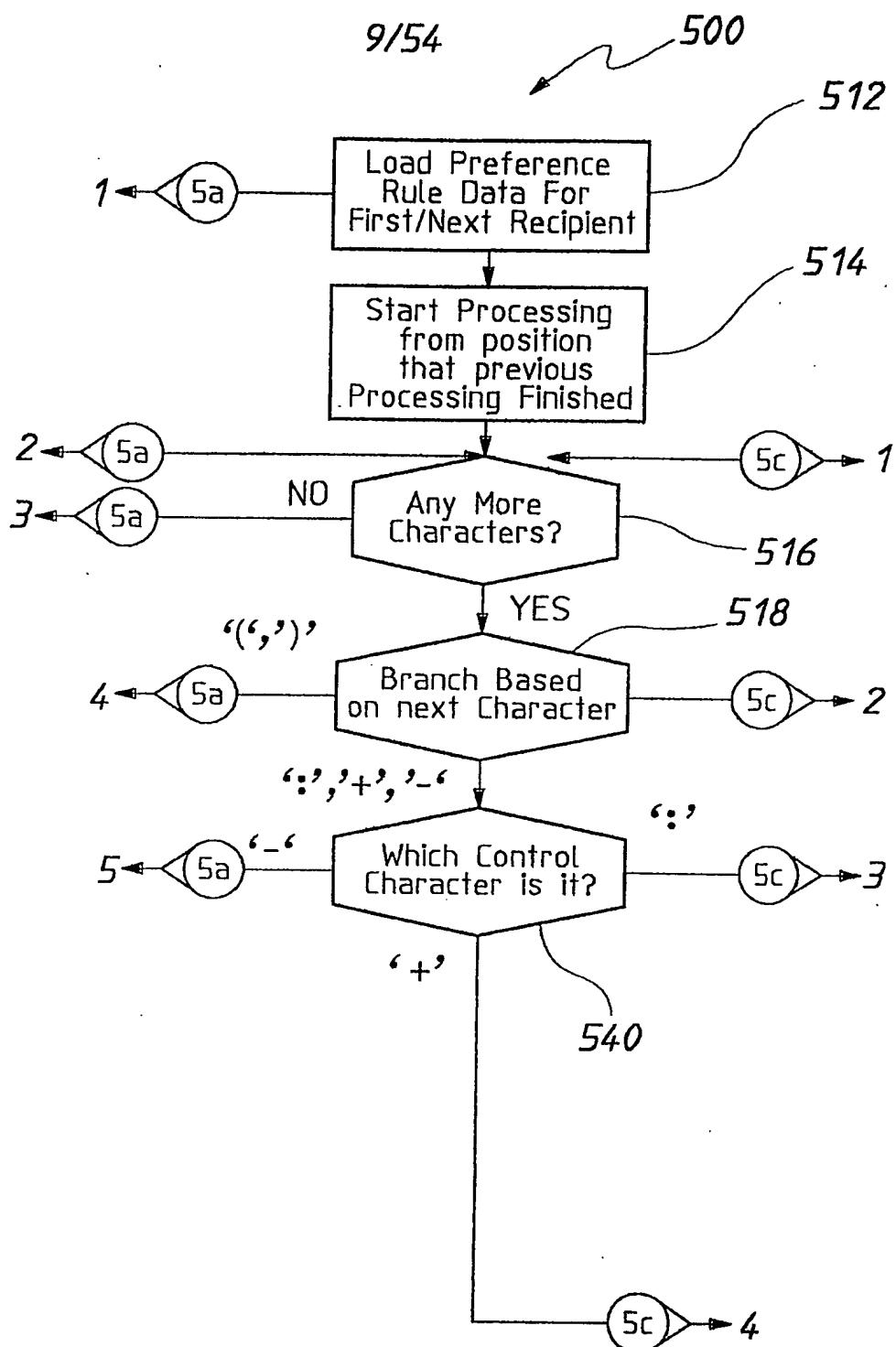


FIG. 5b

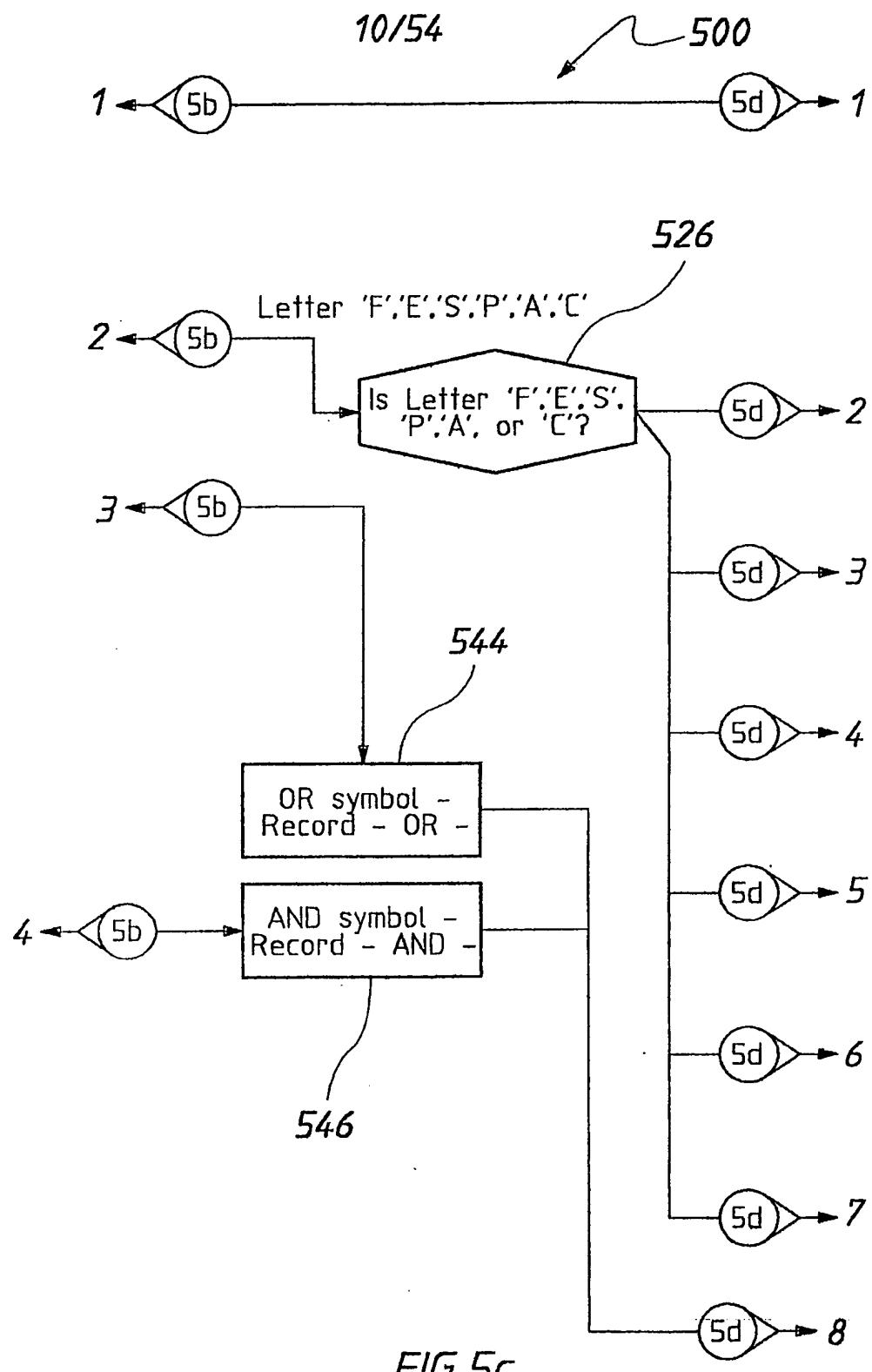
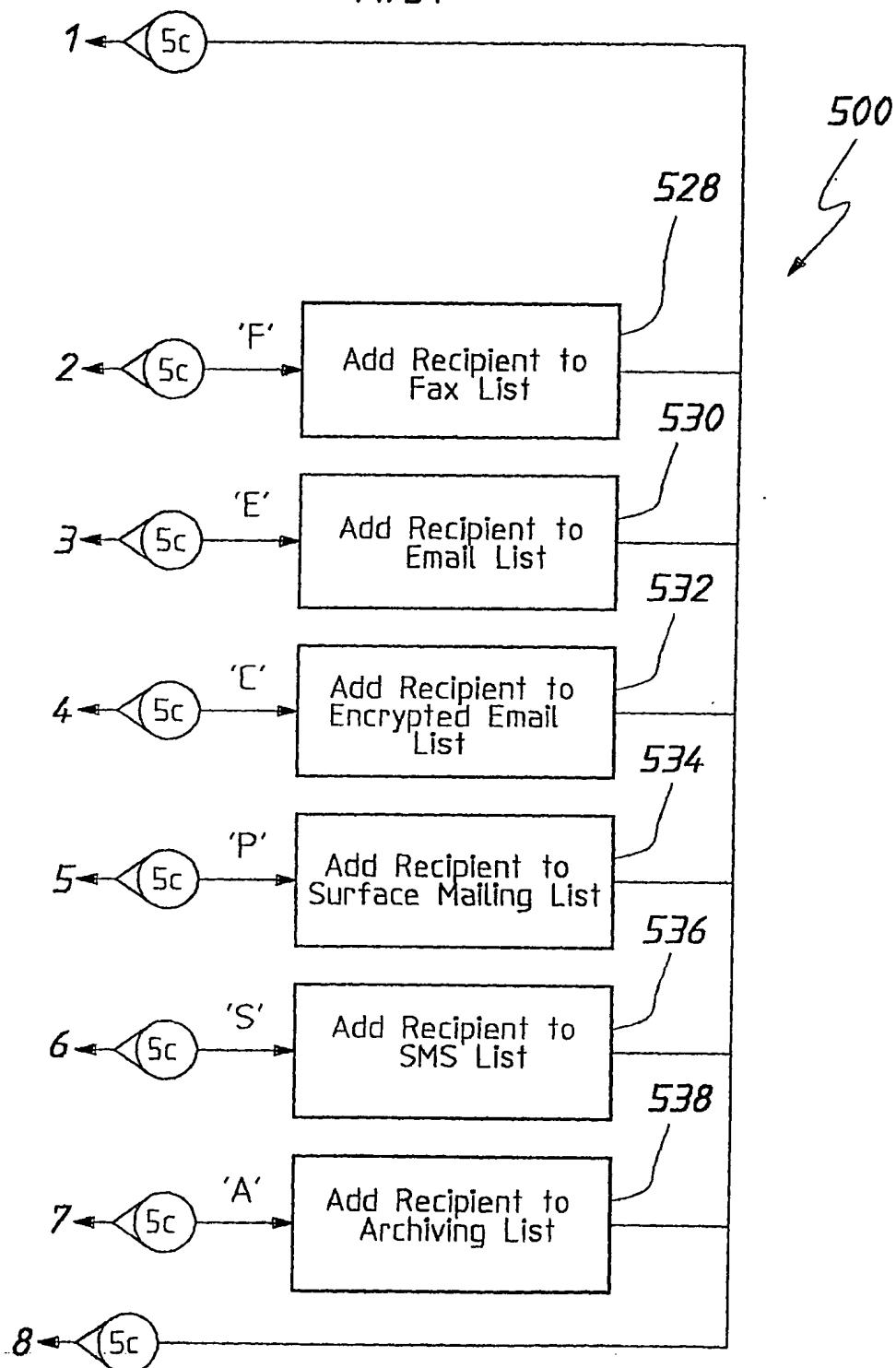


FIG. 5c

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FIG.5d

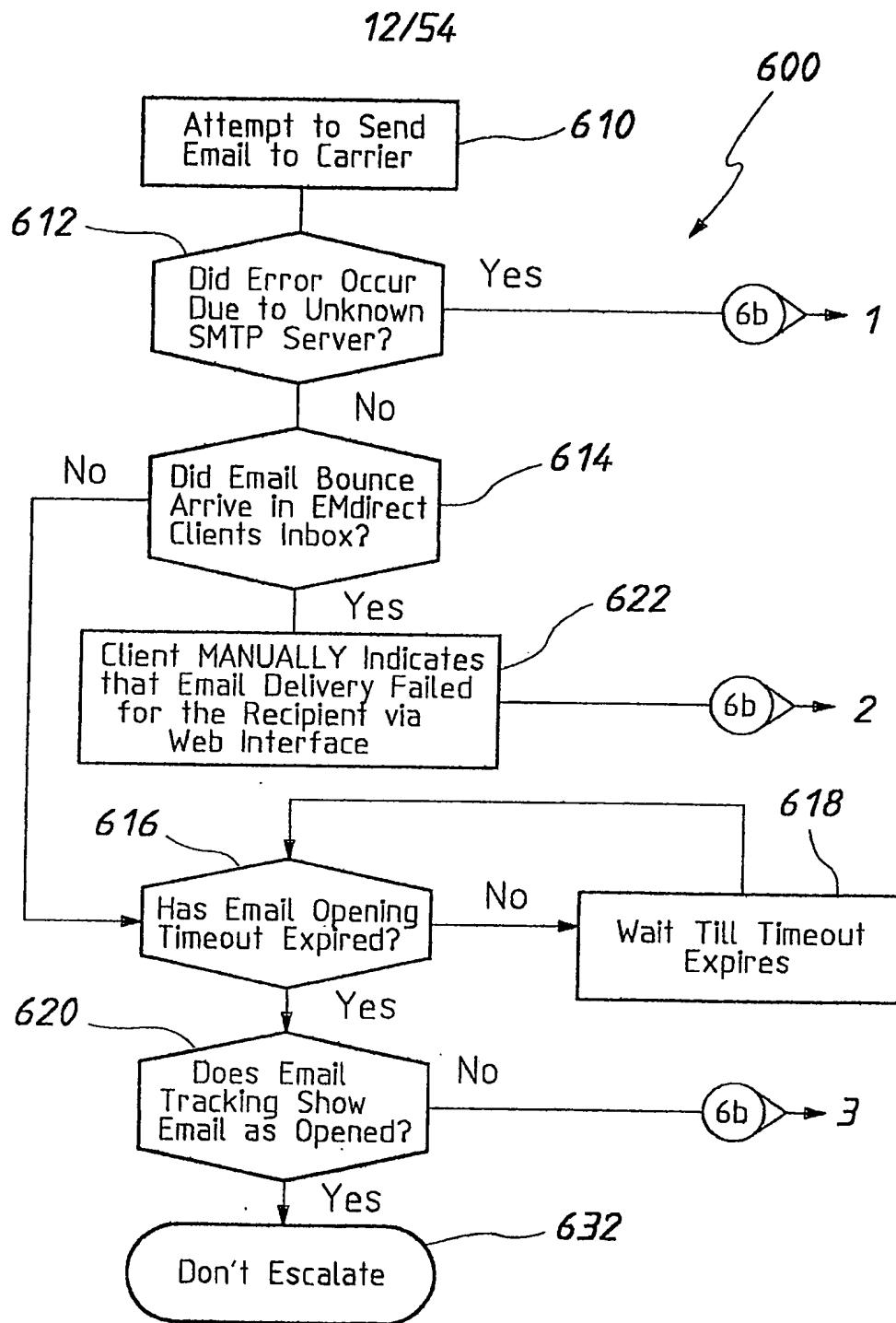
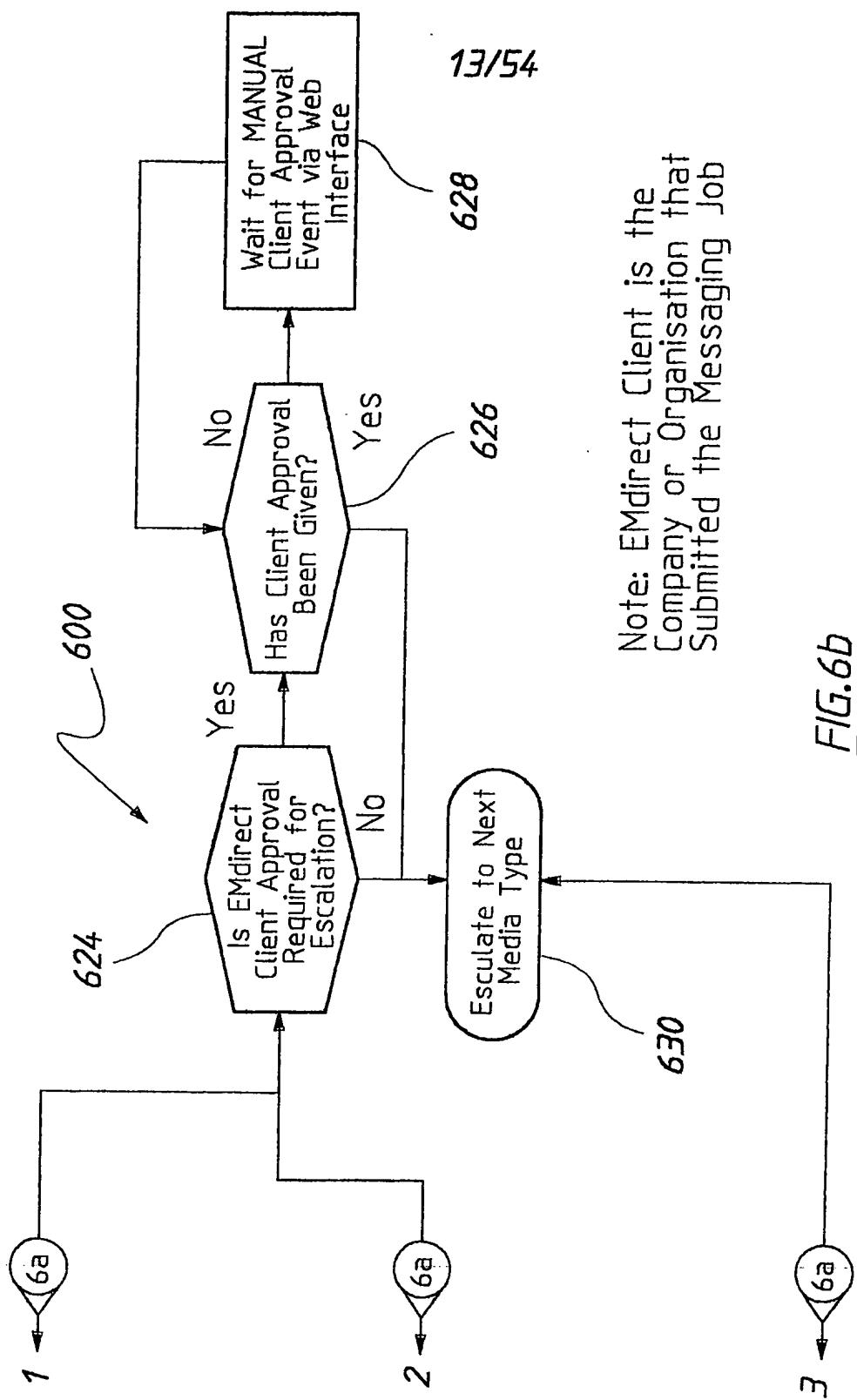


FIG.6a



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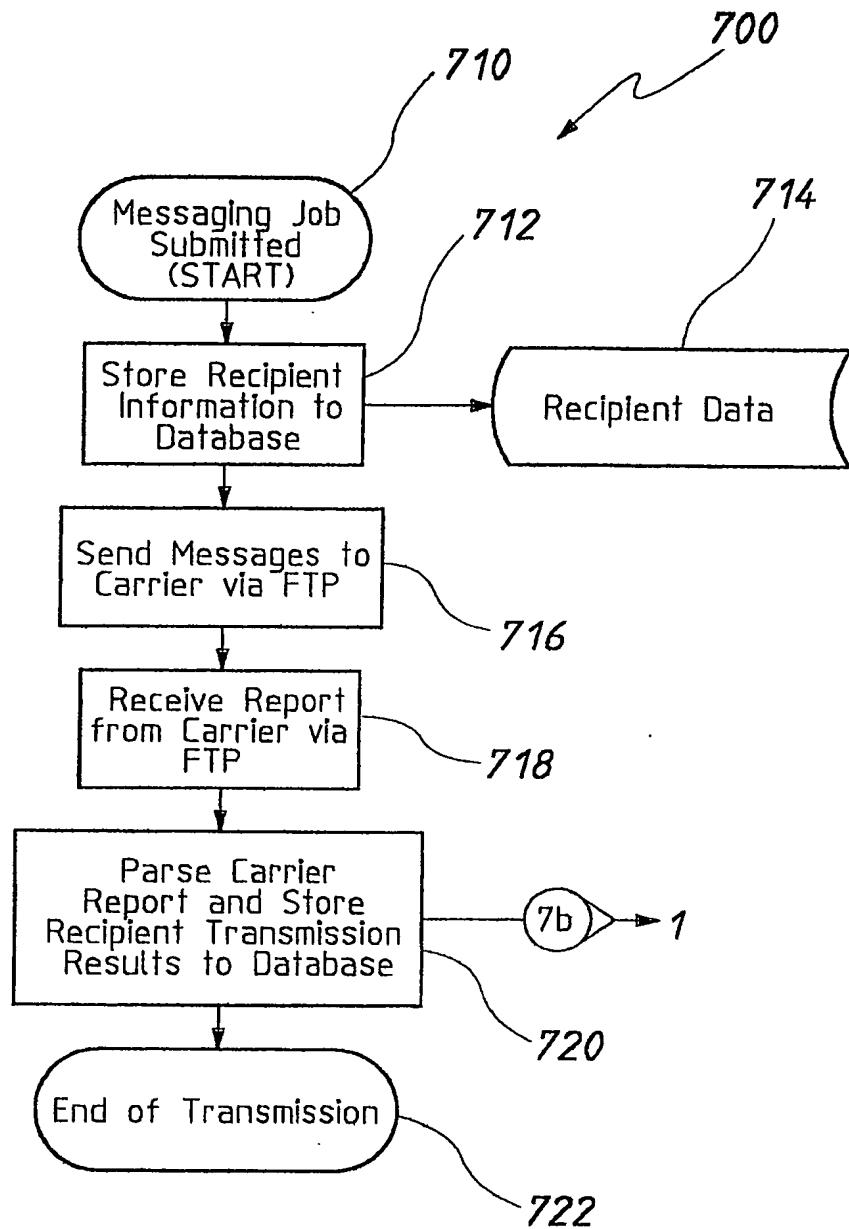
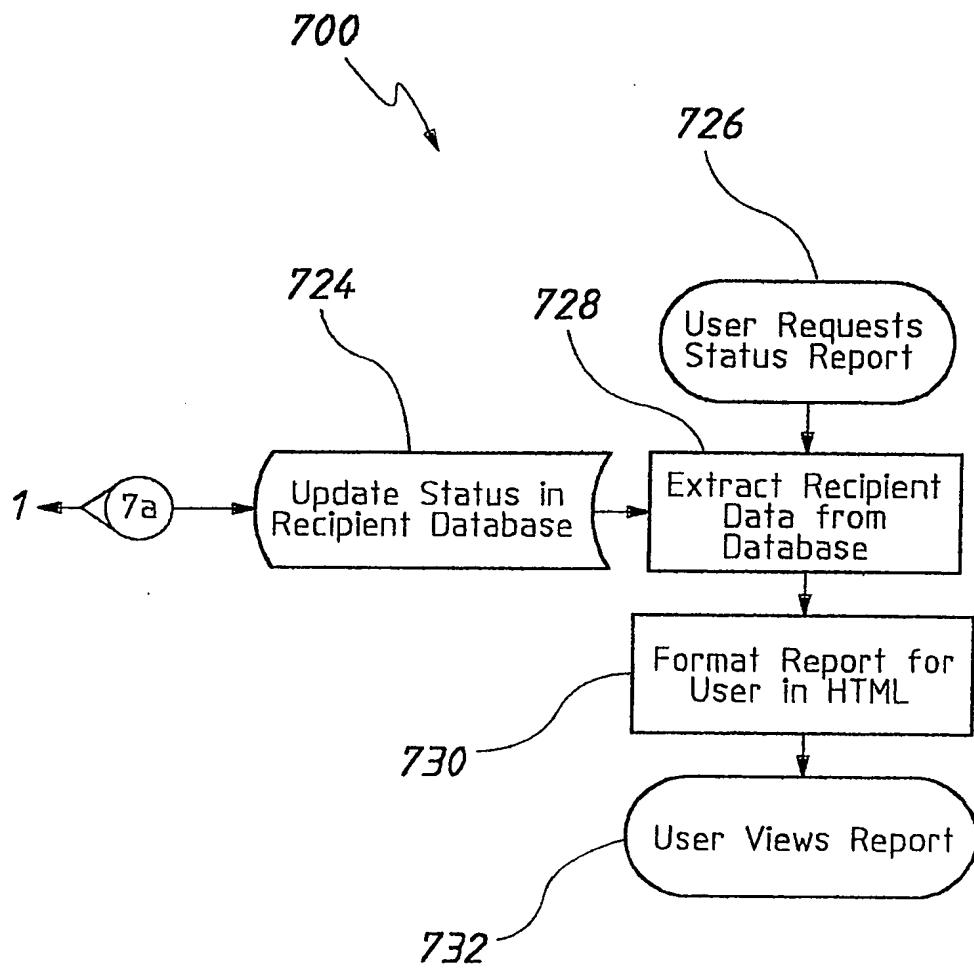
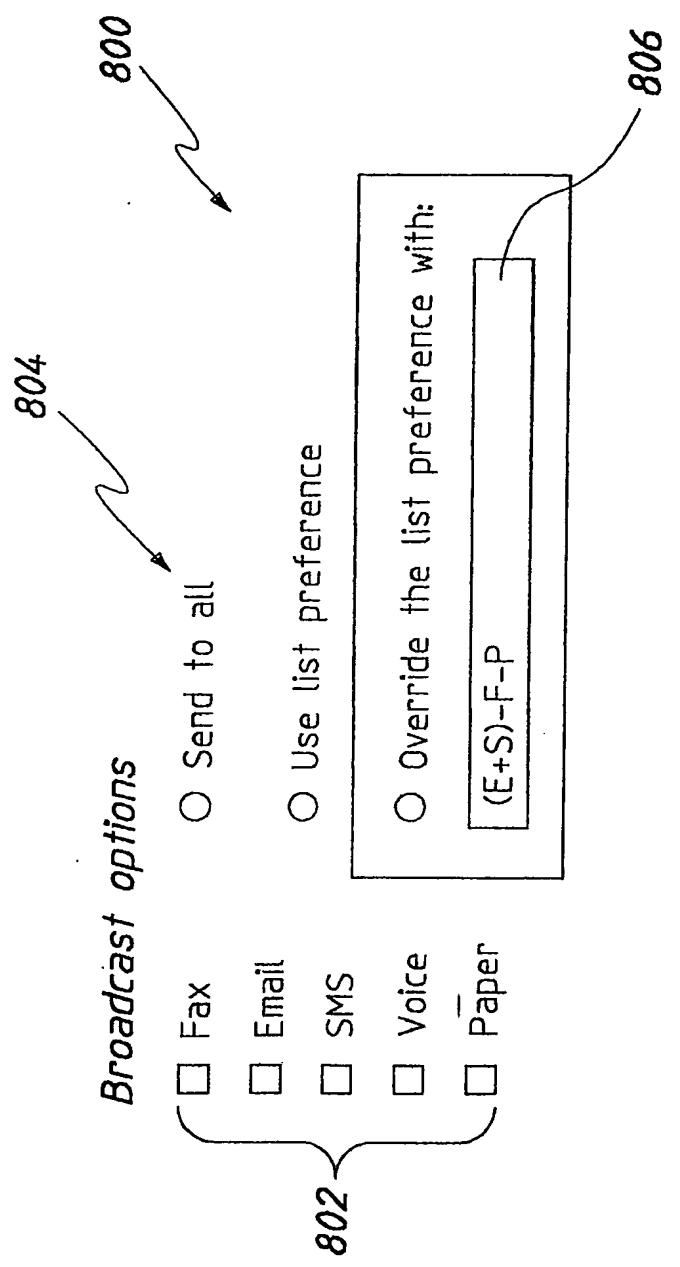


FIG.7a

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FIG. 7b

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FIG.8

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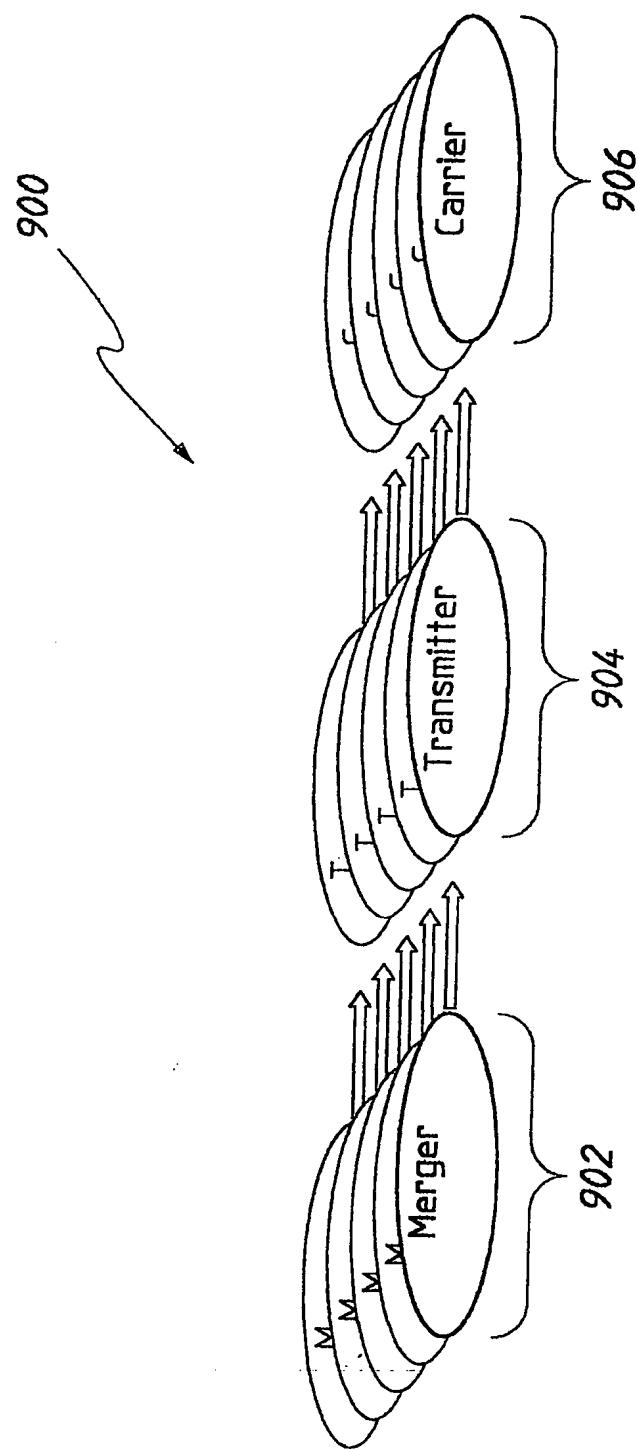
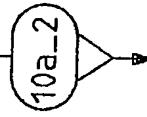


FIG. 9

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<?xml version="1.0" encoding="UTF-8"?>
 <xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsd="http://www.w3.org/2001/XMLSchema">
 <xsd:element name="recipient-list">
 <xsd:complexType>
 <xsd:sequence>
 <xsd:element name="recipient" minOccurs="0" maxOccurs="unbounded">
 <xsd:complexType>
 <xsd:sequence>
 <xsd:element name="personal-details">
 <xsd:sequence>
 <xsd:element name="title" type="xsd:string"/>
 <xsd:element name="firstname" type="xsd:string"/>
 <xsd:element name="lastname" type="xsd:string"/>
 <xsd:element name="address" type="xsd:string"/>
 <xsd:element name="city-country" type="xsd:string"/>
 <xsd:element name="department" type="xsd:string"/>
 <xsd:element name="emailaddress" type="xsd:string"/>
 </xsd:sequence>
 </xsd:complexType>
 </xsd:sequence>
 </xsd:complexType>
 </xsd:sequence>
 </xsd:element>

FIG. 10a_1



10a_2

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1000

```
<xsd:element name="transmission-rule-set">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="transmission-rule" maxOccurs="unbounded">
        <xsd:complexType mixed="true">
          <xsd:sequence/>
            <xsd:attribute name="type" type="xsd:string" use="required"/>
          </xsd:sequence>
        </xsd:complexType>
      </xsd:element>
      <xsd:sequence>
        <xsd:complexType>
          <xsd:element>

```

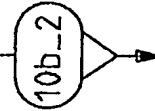
FIG. 10a_2

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```

<xsd:element name="media-set">
  <xsd:complexType>
    <xsd:sequence>
      <xsd:element name="media-type" maxOccurs="unbounded">
        <xsd:complexType>
          <xsd:sequence>
            <xsd:element name="email-address" type="xsd:string">
              minOccurs="0"/>
            <xsd:element name="surface-mail-address" minOccurs="0">
              <xsd:complexType>
                <xsd:sequence>
                  <xsd:element name="street-address"
                    type="xsd:string"/>
                  <xsd:element name="suburb" type="xsd:string"/>
                  <xsd:element name="state" type="xsd:string"/>
                  <xsd:element name="country" type="xsd:string"/>
                  <xsd:element name="postcode" type="xsd:string"/>

```

FIG. 10b_1

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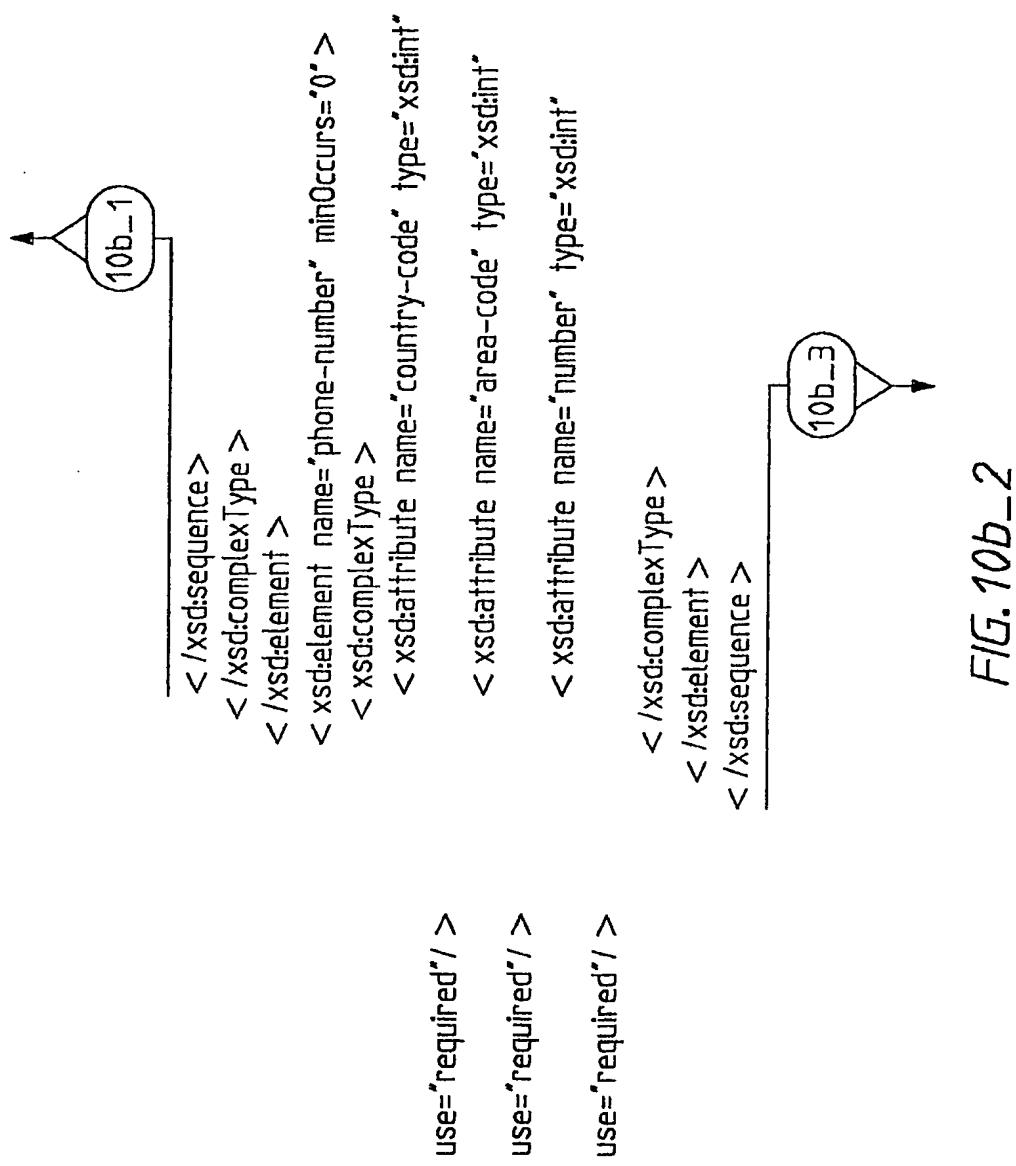


FIG. 10b_2

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10b-2

```

<xsd:attribute name="type" type="xsd:string" use="required"/>
<xsd:attribute name="carrier" type="xsd:string" use="optional"/>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name="recipient-data">
<xsd:complexType>
<xsd:sequence>
<xsd:element name="xml-data" minOccurs="0" maxOccurs="unbounded">
</xsd:complexType mixed="true">
</xsd:sequence>
<xsd:any processContents="skip" minOccurs="0"
maxOccurs="unbounded"/>
</xsd:sequence>
<xsd:attribute name="name" type="xsd:string" use="required"/>
</xsd:complexType>
</xsd:element>

```

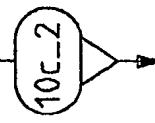
FIG. 10b-3

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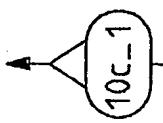
```

<xsd:element name="merge-field" minOccurs="0" maxOccurs="unbounded">
  <xsd:complexType mixed="true">
    <xsd:sequence>
      <xsd:element name="merge-field" minOccurs="0"
        <maxOccurs="unbounded">
          <xsd:complexType mixed="true">
            <xsd:sequence>
              <xsd:element name="merge-field" minOccurs="0"
                <maxOccurs="unbounded">
                  <xsd:complexType mixed="true">
                    <xsd:sequence>
                      <xsd:attribute name="name">
                      <xsd:attribute name="access">
                      <xsd:attribute name="type">
                    </xsd:complexType>
                    </xsd:sequence>
                    <xsd:attribute name="name" type="xsd:string"
                      <use="required"/>

```

FIG. 10c-1

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```
< use="required" />  
< xsd:complexType >  
  < xsd:element >  
    < xsd:sequence >  
      < xsd:attribute name="name" type="xsd:string" use="required" />  
      < xsd:attribute name="access" type="xsd:string" use="required" />  
      < xsd:attribute name="type" type="xsd:string" use="required" />  
    < xsd:complexType >  
      < xsd:element >  
        < xsd:sequence >  
          < xsd:complexType >  
            < xsd:element >  
              < xsd:sequence >  
                < xsd:complexType >  
                  < xsd:element >  
                    < xsd:sequence >  
                      < xsd:complexType >  
                        < xsd:element >  
                          < xsd:schema >
```

FIG. 10c_1

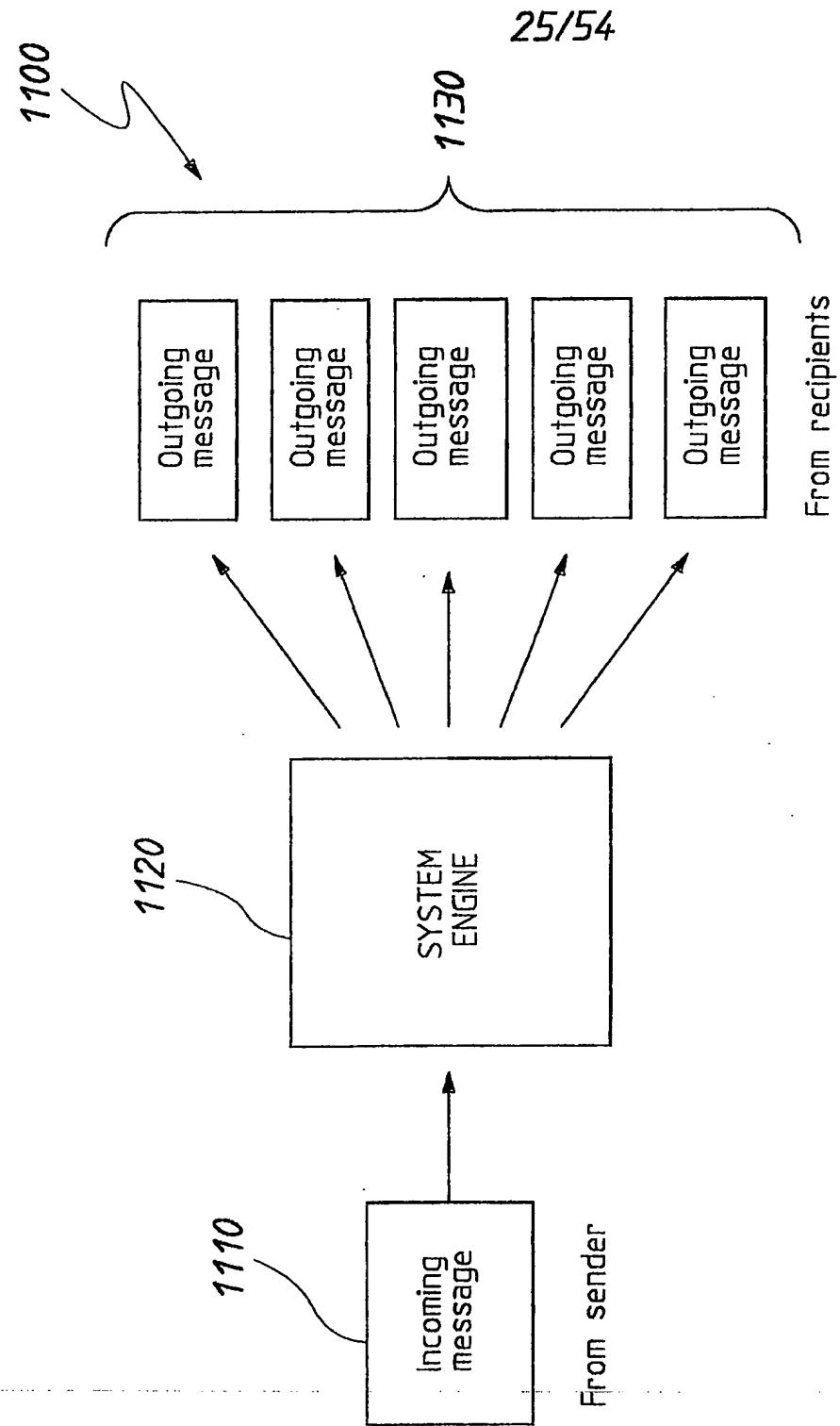


FIG. 11

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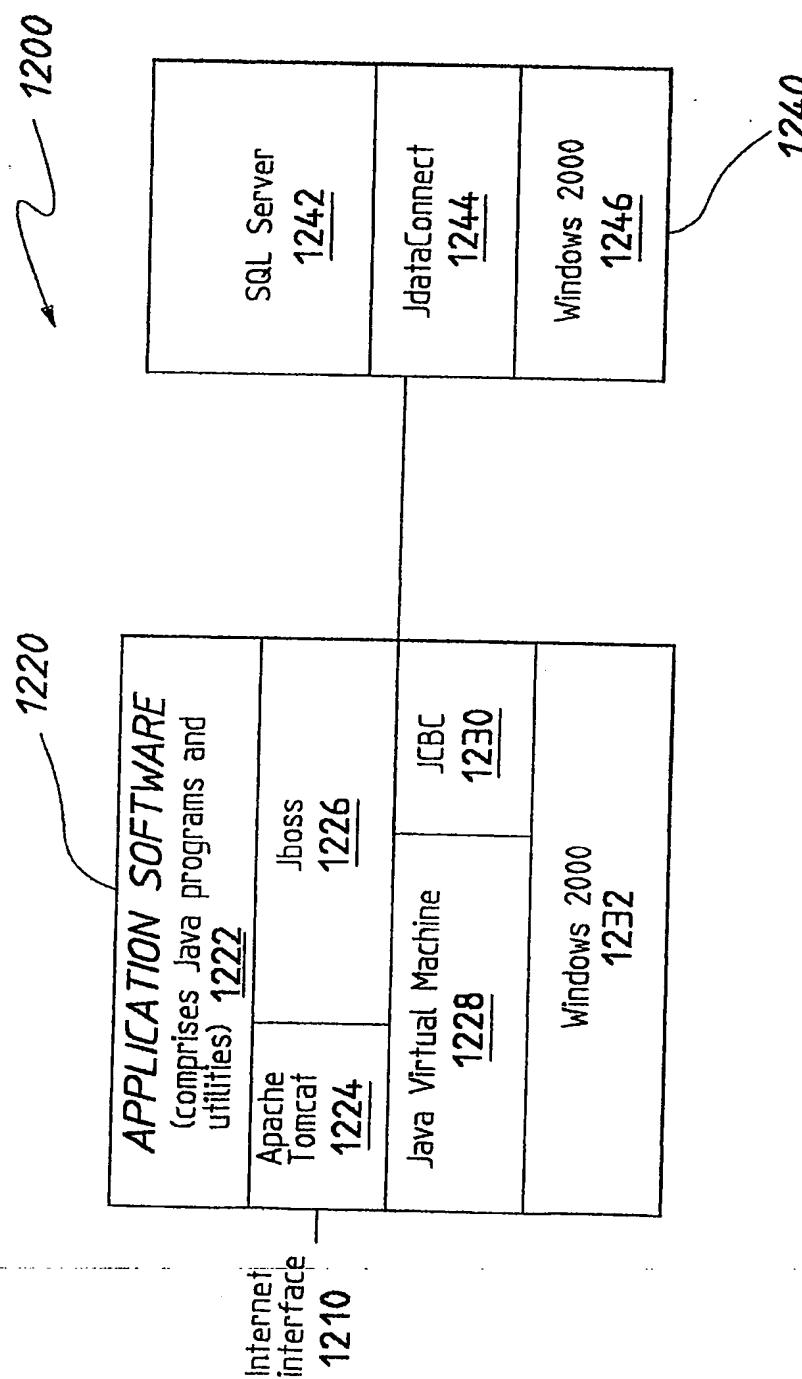


FIG. 12

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1300

Dear [[cust_name]].

This is to remind you that payment of our invoice dated [[date]] has not been received. You have an outstanding balance of [[account_balance]]. We would appreciate your prompt attention to this matter.

Yours faithfully,

J. Parker

FIG. 13

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1400

Attempt	Transmission 1	Transmission 2	Transmission 3
1	Fax	E-mail	-
2	Paper	SMS	-
3	-	-	-

FIG. 14

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1500

Main Menu Option	Tab Option	Standard User	Administrator	Normal Customer	Control Customer
Job Submission	Yes	Yes	Yes	Yes 1	Yes 1
Status report	Yes	Yes	View	View 1	Yes 1
Administration	Account	View	Create, view, alter	View 12	Create, view, alter 1
Administration	User	View 2	No	No	Create, view, alter 1
Customers		No	No	View	Create, view, alter
Job control	No	No	No	Yes	Create, view, alter
Job configuration	No	No	No	View 1	Create, view, alter 1
Console	No	No	No	Yes	Yes
Proxy setting	No	No	No	Yes	Yes

FIG. 15

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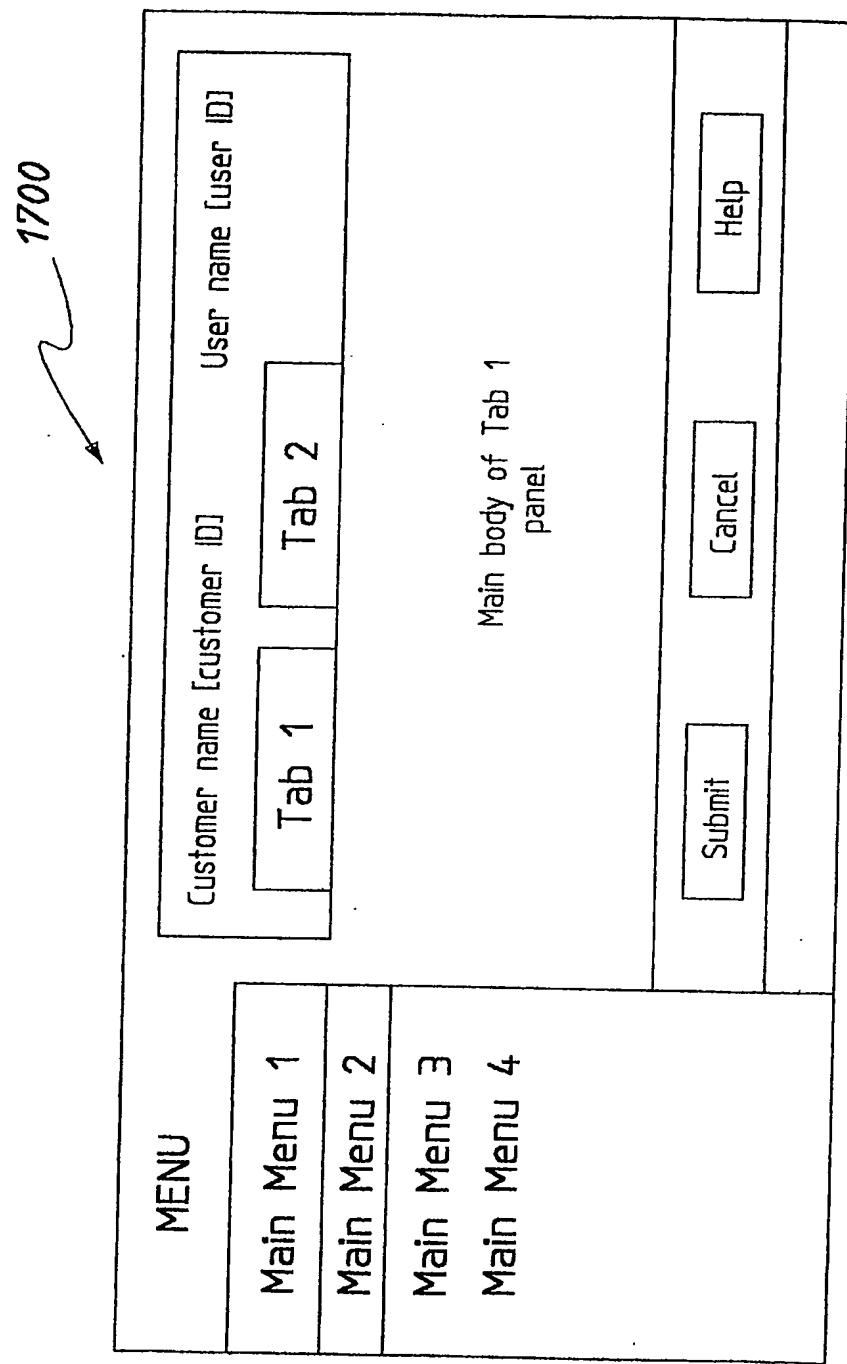
1600

Please enter your details to log on

Customer ID	<input type="text" value="acme"/>
User ID	<input type="text" value="pwill"/>
Password	<input type="text" value="*****"/>
	<input type="button" value="Logon"/>
	<input type="button" value="Reset"/>
	<input type="button" value="Help"/>

FIG. 16

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FIG. 17

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1800

MENU	Acme Engineering Pty Ltd (acme)	
	Peter Williams (pwill)	
Job Submission	<input type="button" value="Users"/> <input type="button" value="Accounts"/>	
Status Report	User Information	
Administration	User name <input type="text" value="Peter Williams"/> User ID <input type="text" value="pwill"/> User status <input checked="" type="radio"/> Enabled <input type="radio"/> Disabled Password <input type="text" value="*****"/> Repeat password <input type="text" value="*****"/>	
Logoff	Contact Phone <input type="text" value="02 99440033"/> Fax <input type="text" value="02 84473355"/> Mobile <input type="text" value="0455 345676"/> Test Destinations E-mail <input type="text" value="pwilliams@acme.com.au"/> SMS <input type="text" value="0433 997766"/> Fax <input type="text" value="9577 9556"/> E-mail <input type="text" value="testmessages@acme.com.au"/>	
	Accounts for which this user may submit jobs	
	<input checked="" type="checkbox"/> All Invoices <input type="button" value="Submit"/> <input type="button" value="Cancel"/> <input type="button" value="Help"/>	

FIG. 18

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MENU		System Control Centre [Control] Mike Markham [mmarkham]		
Job Submission		Job Submission details	Control Enterprise 1	
Status Report		Account	Invoice213	
Administration		Job reference	Budget Invoice Test 1	
Logoff		Job type	-----uploaded files-----	
Customers			<input type="button" value="Remove"/>	
Job Control		Recipient files	<input type="button" value="Browse"/>	<input type="button" value="Upload"/>
Job Configuration		Job start time	Date 9 Jul ▶ Time 2 ▶ 20 ▶	
Console				
Proxy Setting			<input type="button" value="Submit"/>	<input type="button" value="Cancel"/>
			<input type="button" value="Help"/>	

1900

FIG. 19

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2000

JOB STATUS REPORT FOR ACME PTY LTD (ACME)									
Summary		Job ID		Job reference		Invoice 3		Job status	
Job type		Invoices		Interface type		Enterprise		Account	
Recipients		763		Job started		15 Feb 03 at 22:21		Report prepared	
User ID		Mary Atkins (MaryA)						Attempt 2 in progress	
Message Delivery Status								Essential Mail	
Progress		Master		Sent		1st Attempt		Report prepared	
		Master		763		745		16 Feb 03 at 02:52	
		Copy		94		84		16 Feb 03 at 02:52	
						Delivered			
						12		2nd Attempt	
						5		3rd Attempt	
Master Message Delivery Details									
Ref		Name		1st Attempt		2nd Attempt		3rd Attempt	
carr04		Ms Pat Carr		16-FAX-22:40		IP-EML			
watson14		Dr Fred Watson		13-FAX-22:40		IP-PAP			
biggs01		Mr John Biggs		OK-FAX-22:40					
mathews01		Mr William Mathews		OK-EML-22:56					
smith02		Mrs Sandra Smith		05-FAX-22:41		OK-EML-01:22:1			
smith03		Mr Bruce Smith		OK-PAP-22:41					
Number of successful Deliveries									

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PCT/AU2003/000954

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Copy Message Delivery Details					
Ref	Name	1st Attempt	2nd Attempt	3rd Attempt	
biggs01	Mr John Biggs	OK-EML-23:31			
mathews01	Mr William Mathews	OK-SMS-22:43			
smith02	Mrs Sandra Smith	OK-SMS-22:43	OK-EML-22:55	OK-SMS-22:43 ¹	
				OK-PAP-23:21	
E-mail Attachments Opened					
	Attachment X1: Month to date shipments				
	Attachment X2: Special Offer				
Ref	Name	E-mail attachments Opened			
biggs01	Mr John Biggs	X1-23:42	X2-23:40		
mathews01	Mr William Mathews	X2-23:49			
smith02	Mrs Sandra Smith	X1-01:29 ¹			

FIG.20b

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2100

MENU	System Control Centre (control) System Administrator (admin)
Job Submission	
Status Report	
Administration	
Customers	
Job Control	
Job Configuration	<p>Java mapping class _____</p> <p>Filename <input type="text" value="InvoicesJavaMappingClass.class"/> <input type="button" value="Delete"/> <input type="button" value="Browse"/> <input type="button" value="Import"/></p> <p>Java mapping class resource _____</p> <p>Filename <input type="text" value="InvoicesMapRecipients.xls"/> <input type="button" value="Delete"/> <input type="button" value="Browse"/> <input type="button" value="Import"/></p> <p style="text-align: center;"><input type="button" value="Add New JVC Resource Record"/></p> <p>Configuration data _____</p> <p>Filename <input type="text" value="DuplexPaperConfig.xml"/> <input type="button" value="Delete"/> Medium <input type="radio"/> Email <input type="radio"/> Fax <input type="radio"/> SMS <input checked="" type="radio"/> Paper <input type="button" value="Browse"/> <input type="button" value="Import"/></p> <p style="text-align: center;"><input type="button" value="Add New Config Data Record"/></p> <p>Template _____</p> <p>Filename <input type="text" value="Invoices.xls"/> <input type="button" value="Delete"/> Medium <input type="radio"/> Email <input type="radio"/> Fax <input type="radio"/> SMS <input checked="" type="radio"/> Paper Type <input type="radio"/> Subject <input type="radio"/> Body <input checked="" type="radio"/> Other Sequence <input type="text" value="0"/> Name <input type="text"/> FO Engine <input type="text" value="0"/> <input type="button" value="Browse"/> <input type="button" value="Import"/></p> <p style="text-align: center;"><input type="button" value="Add New Template Record"/></p>
Console	
Proxy Setting	

FIG.21a

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2100

Template artifact			
Filename	<input type="text" value="AcmeLogo.jpg"/>	<input type="button" value="Delete"/>	<input type="button" value=""/>
<input type="button" value=""/>		<input type="button" value="Browse"/>	<input type="button" value="Import"/>
Template artifact			
Filename	<input type="text" value="symbol.gif"/>	<input type="button" value="Delete"/>	<input type="button" value=""/>
<input type="button" value=""/>		<input type="button" value="Browse"/>	<input type="button" value="Import"/>
<input type="button" value="Add New Template Artifact Record"/>			
Export files as a specified ZIP archive			
Zip Filepath			
<input type="text" value="C:\JobConfiguration s\systemcontrol centre_bobby_2003-05-30.zip"/>			
<input type="button" value="Export to Specified Zip Filepath"/>			
<input type="button" value="Submit"/>	<input type="button" value="Delete"/>	<input type="button" value="Cancel"/>	<input type="button" value="Help"/>

FIG.21b

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2200

```
< ? xml version='1.0' encoding="UTF-8" ? >
< recipient-list xmlns:xsi='http://www.w3.org / 2001 / XMLSchema-instance'
xsi : noNamespaceSchemaLocation='http://systemsoftware1/flexemessaging/s
chema/rList.xsd' >

< jobs > < account > FTP jobs </account >
< job-reference > BillRun1 < /job-reference >
< job-type test='25' > invoices < /job-type >

< recipient-file > sydney-recipients.csv < /recipient-file >
< recipient-file > melbourne-recipients.csv < /recipient-file >
< recipient-file > perth-recipients.csv < /recipient-file >
< /jobs >
.... etc....
```

FIG.22

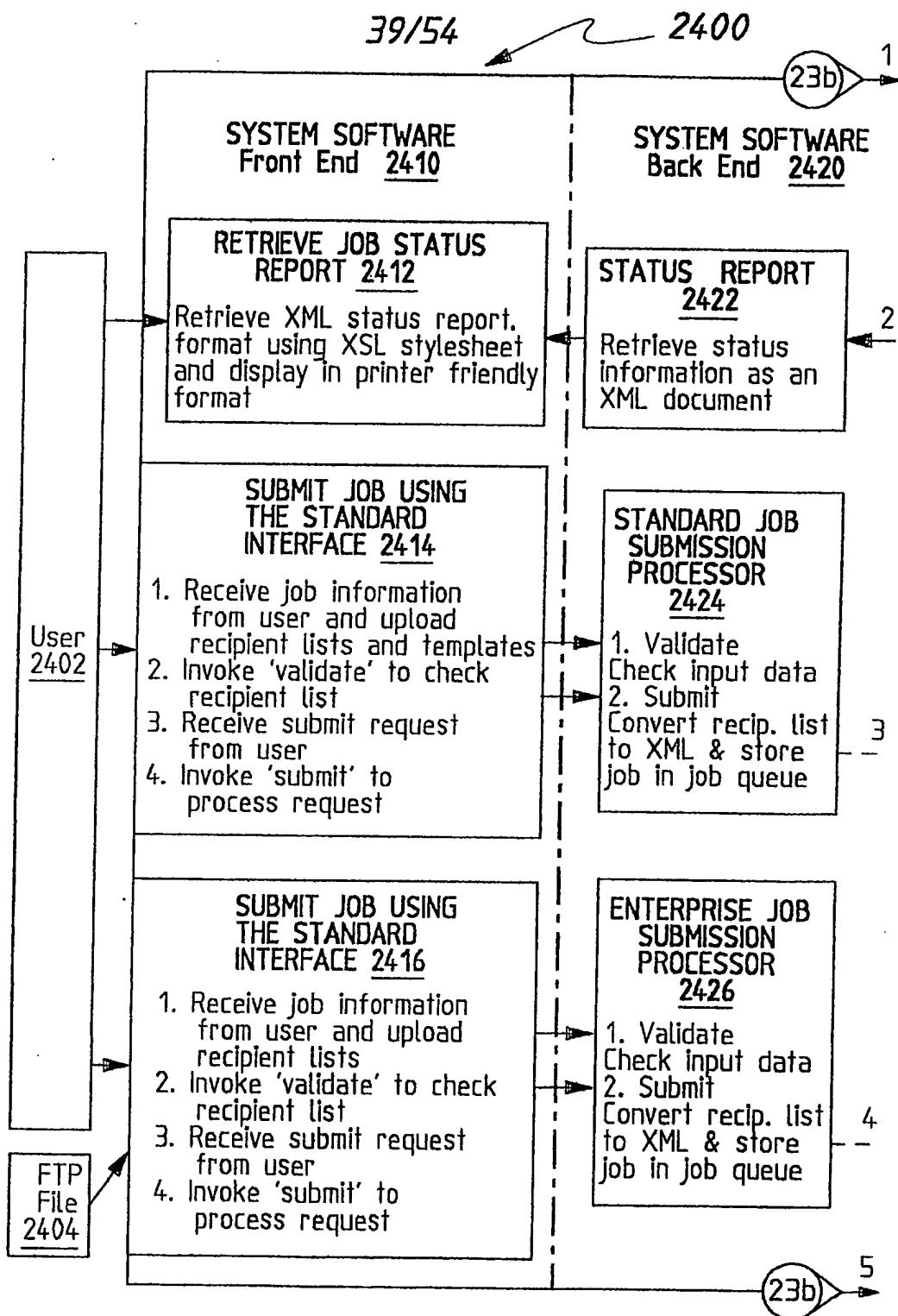
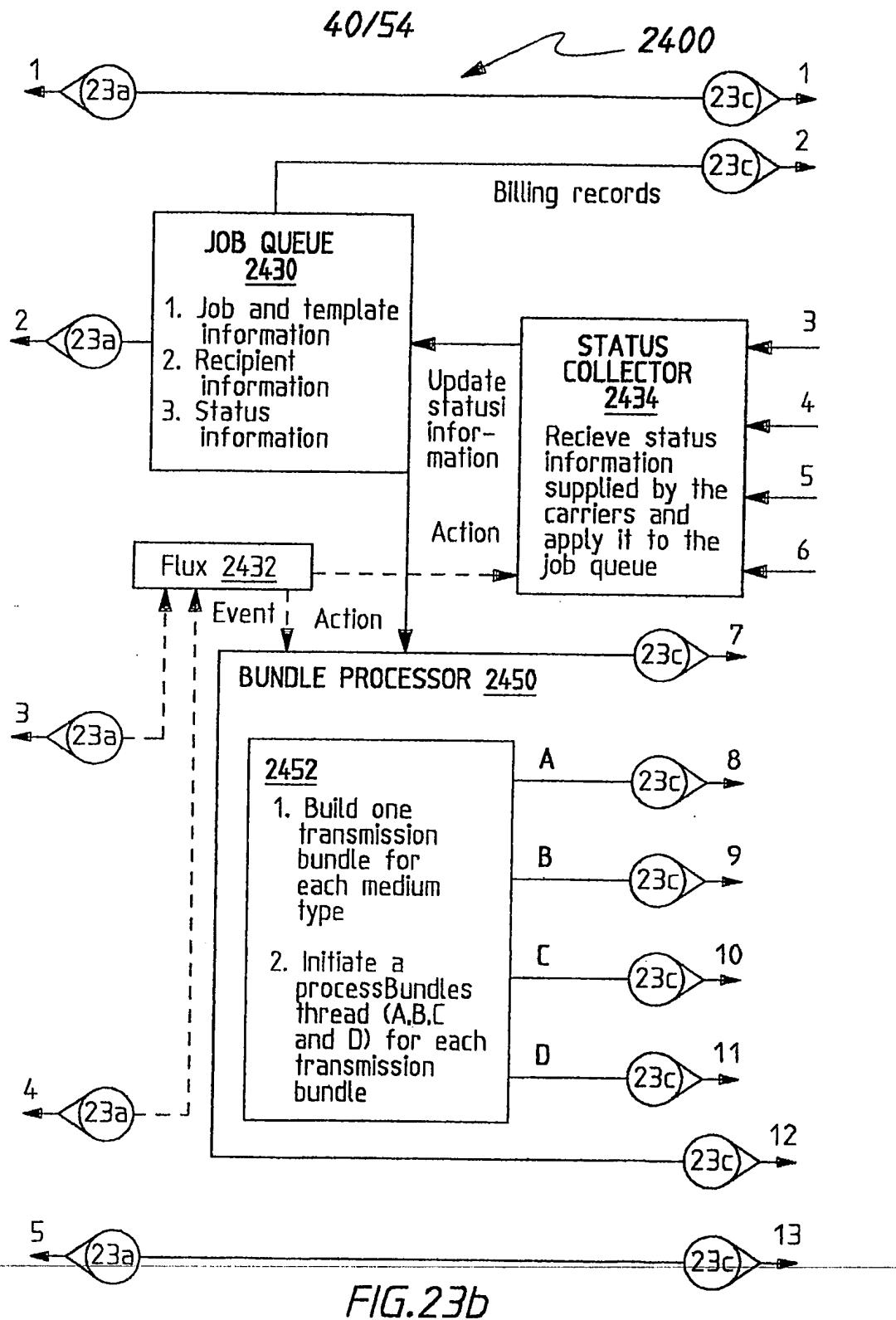


FIG.23a



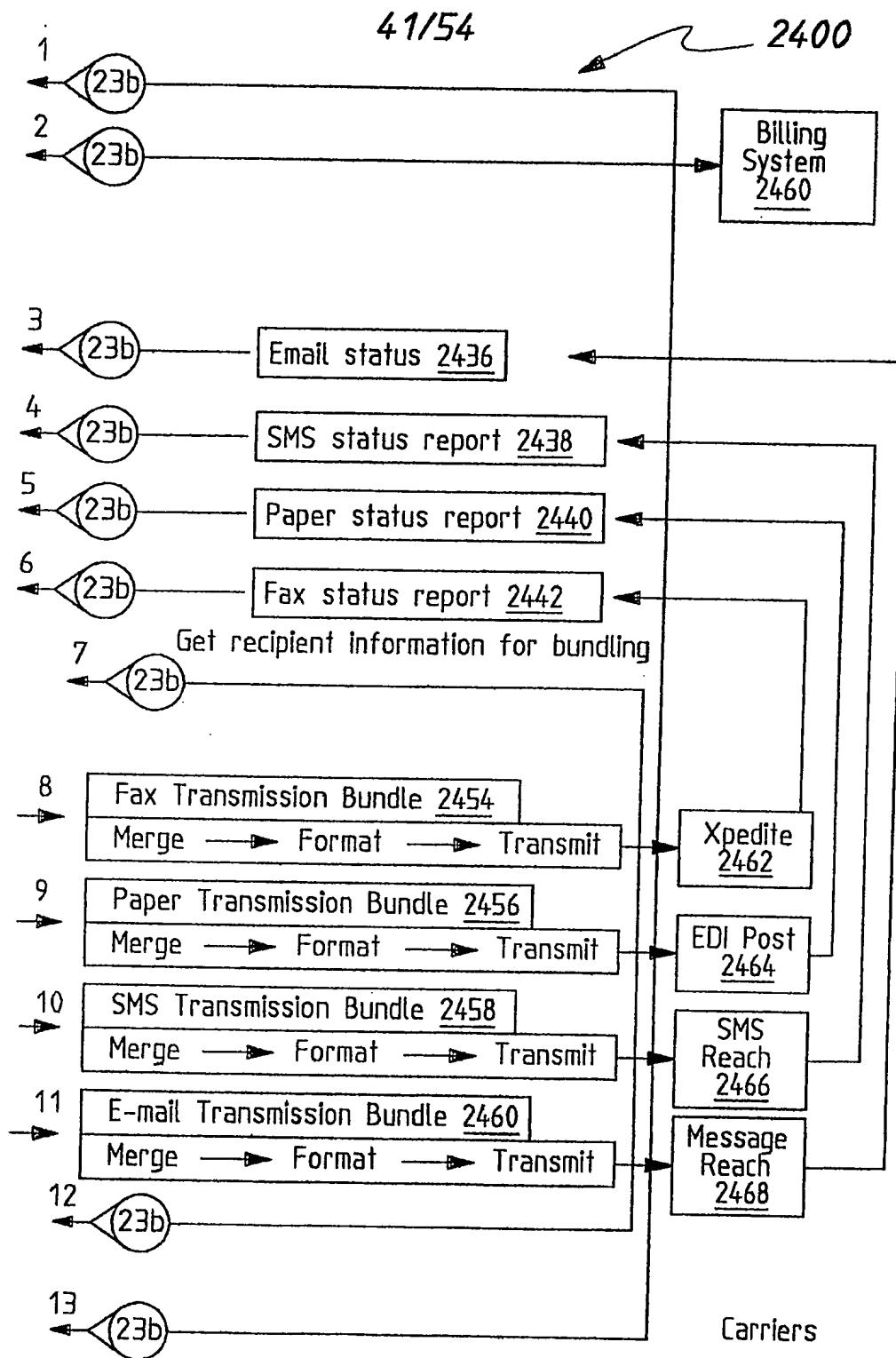


FIG.23c

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2500

```
<? xml version="1.0" encoding="UTF-8" ?>
<recipient-list xmlns:xsi="http://www.w3.org/2000/XMLSchema-instance"
<xsi:namespaceLocation="http://systemsoftware1/flexemessaging/schema/rlist.xsd">

<recipient>

<personal-details>
<title>Mr </title>
<first-name>John </firstname>
<last-name>Wilson </lastname>
<reference>A23432 </reference>
</personal-details>

<destination-preference>
<attempt> office-email home-fax smsl </attempt>
<attempt> home-addr </attempt>
<destination-preference>
```

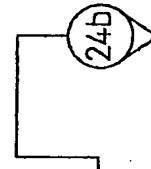
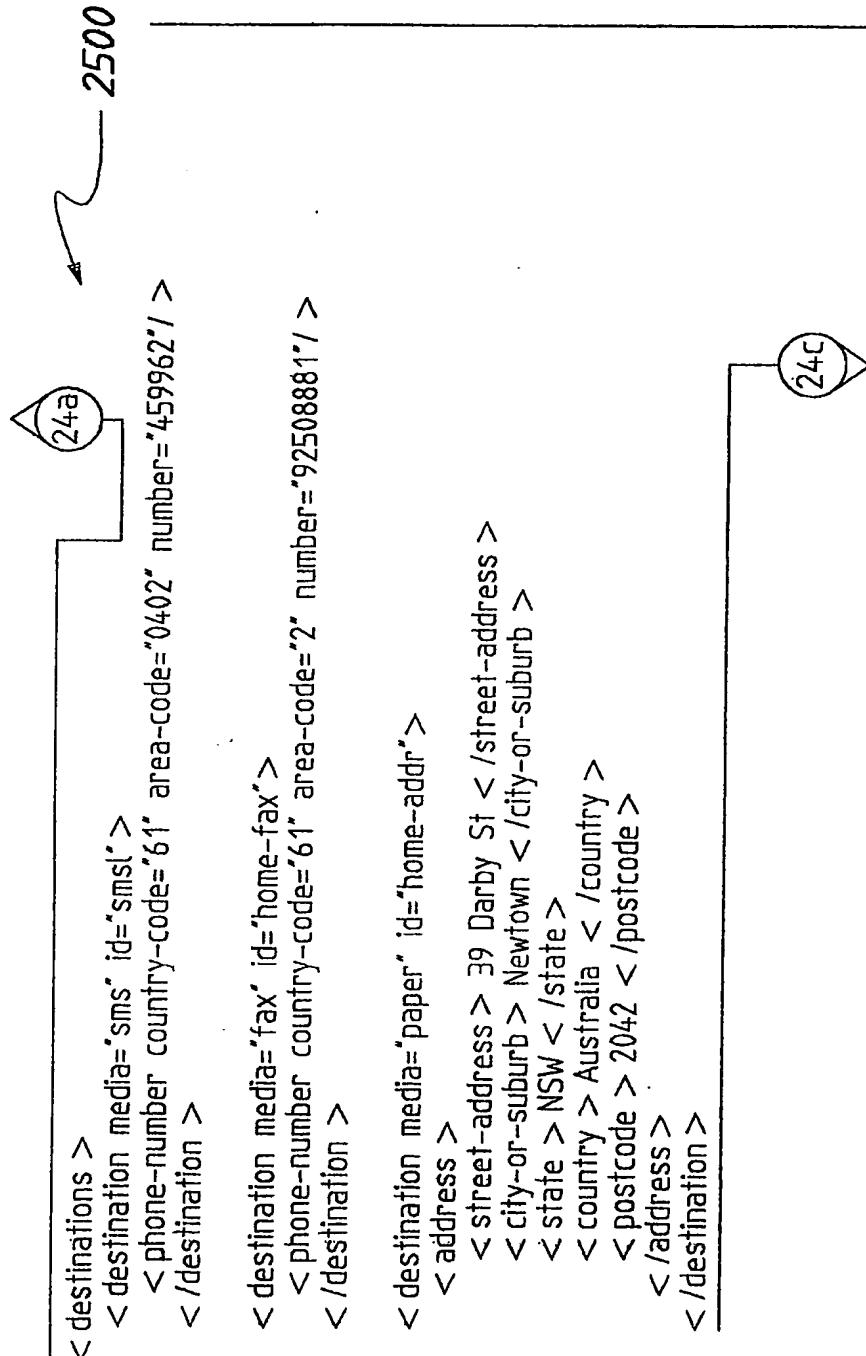


FIG. 24a

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FIG. 24b

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2500

24b

```
<destination media="email" id="office-email">
  <email-address>j.wilson@bigpond.com</email-address>
</destination>
</destinations>

<recipient-data>
  <merge-field name="payment_invoiceline" access="direct">
    <type="collection">
      <merge-field name="ff_date" access="direct" type="string">
        7 Feb 02
      </merge-field>
      <merge-field name="ff_description" access="direct" type="string">
        Payment received. Thank you Mr John Wilson.
      </merge-field>
      <merge-field name="ff_invoice_amt" access="direct" type="string">
        92.33
      </merge-field>
      <merge-field>
      </recipient_data>
    </recipient>
```

FIG.24C

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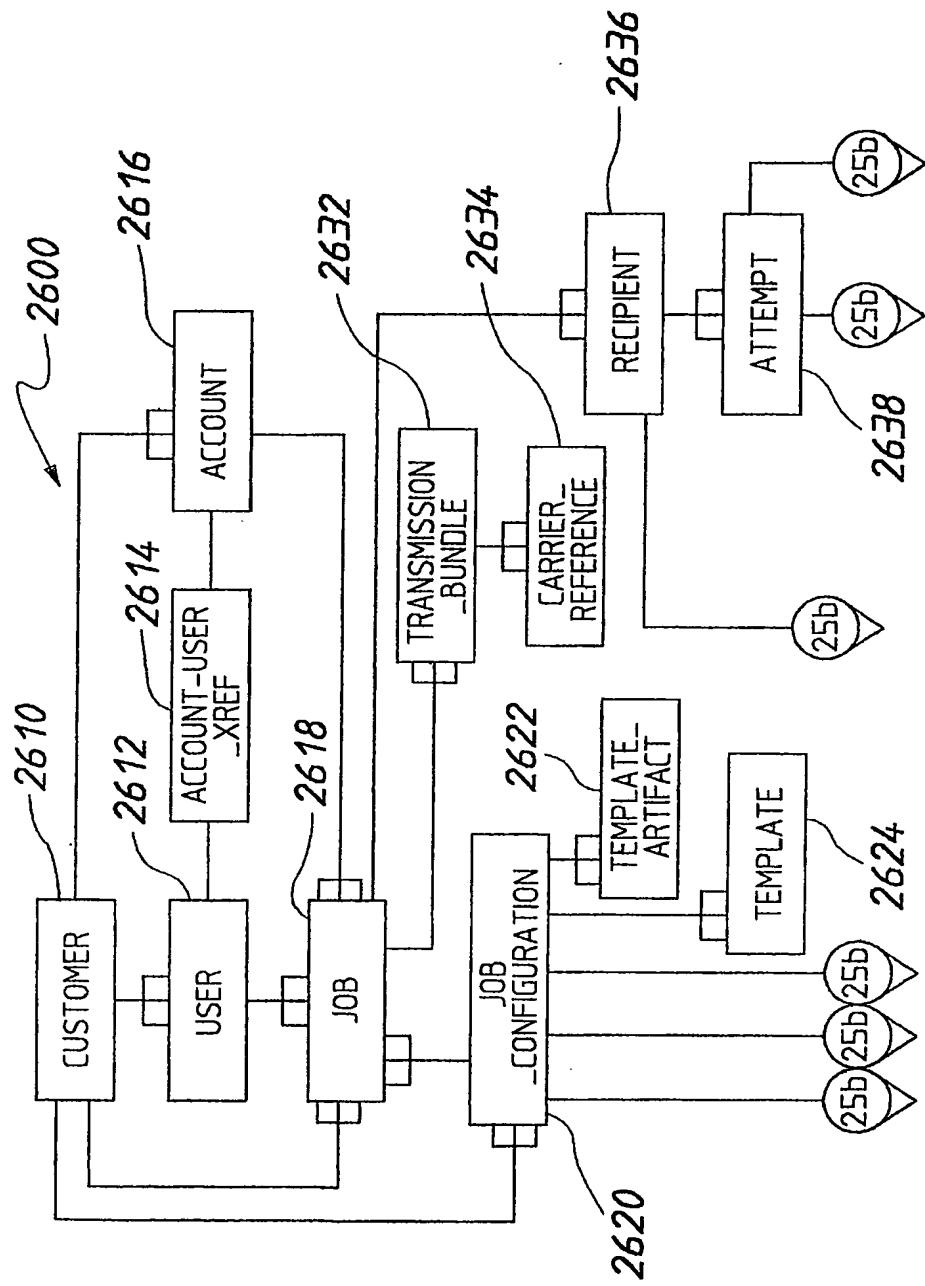


FIG. 25a

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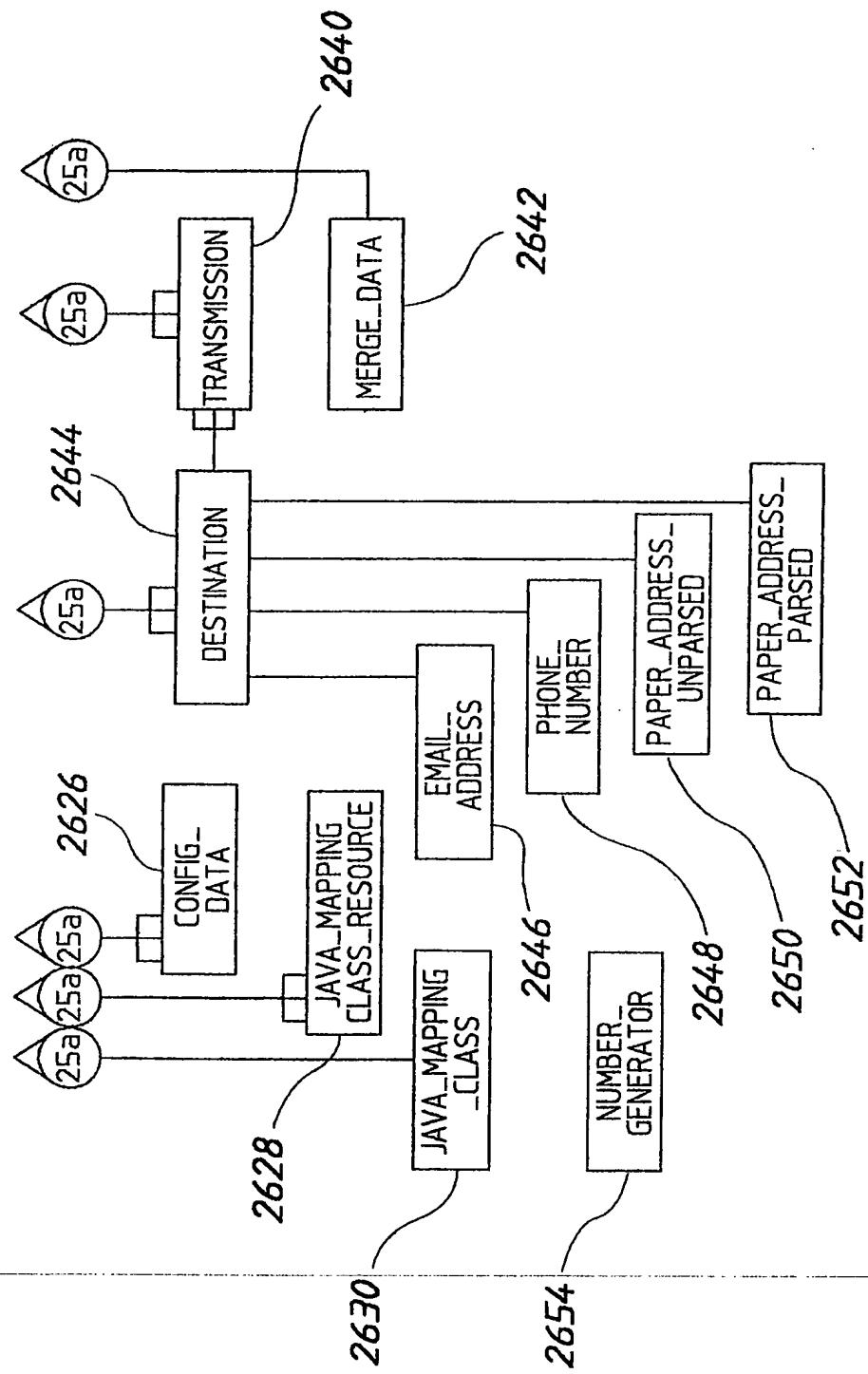


FIG. 25b

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2700

```
<?xml version='1.0' encoding='UTF-8' ?>
<edipost-config>
  < duplex>true</duplex>
  < omr > single 782 </omr >
  < document-numbering > true < /document-numbering >
  < test-job > true < /test-job >
  < mailing-category > 0 (nominal Mail) < /mailing-category >
  < paper-bin > 0 (Xerox: Letterhead) < /paper-bin >
  < sorting-parameters > sort. error, pagelimit, postcode; < /sorting-parameters>
  < barcoding > true < /barcoding >
  < barcoding-report > true < /barcoding-report >
  < address-position > y -10 0 < /address-position >
  < job_name > BUDINV < /job_name >
</edipost-config >
```

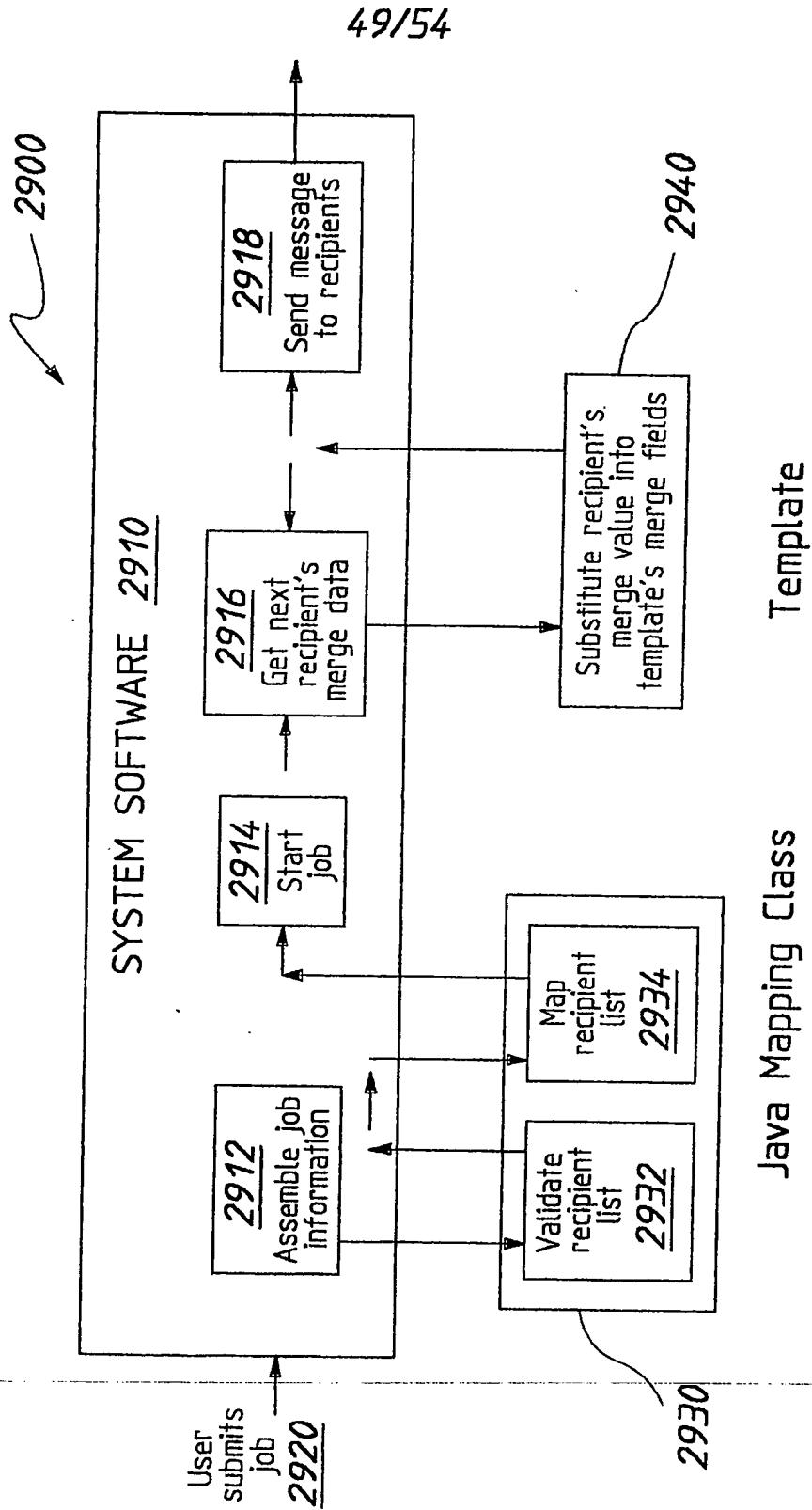
FIG.26

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2800

```
<? xml version='1.0' ?>
< XFlat Name="employees_schema" Description="Schema for CSV flat file">
  < SequenceDef Name="employees" Description="employees flat file">
    < RecordDef Name="employee" FieldSep=";" RecSep="\N" MaxOccur="0">
      < FieldDef Name="refno" NullAllowed="No"
        MinFieldLength="9" MaxFieldLength="11"
        DataType="Integer" MinValue="0"
        QuotedValue="Yes" />
      < FieldDef Name="name" NullAllowed="No"
        QuotedValue="Yes" />
      < FieldDef Name="salary" NullAllowed="no"
        DataType="Float" MinValue="0"
        QuotedValue="Yes" />
    < /RecordDef >
  < /SequenceDef >
< /XFlat >
```

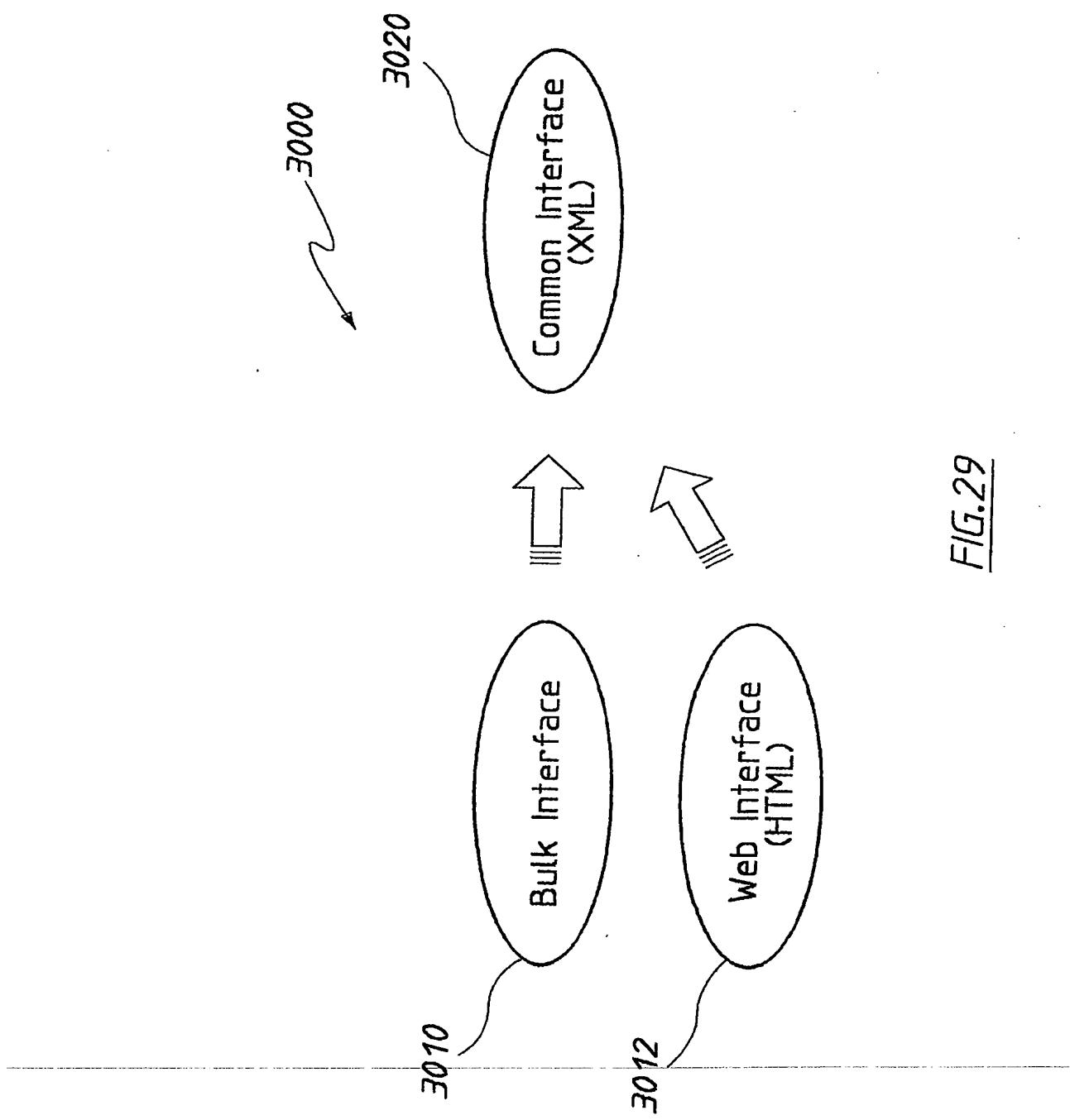
FIG.27



Java Mapping Class
Template

FIG.28

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```
<?xml version="1.0" encoding="UTF-8" ?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:xsds="http://www.w3.org/2001/XMLSchema">
  <xsd:element name="recipient-list">
    <xsd:complexType>
      <xsd:sequence>
        <xsd:element name="recipient" minOccurs="1" maxOccurs="unbounded">
          <xsd:complexType>
            <xsd:sequence>
              <xsd:element name="personal-details" minOccurs="1" maxOccurs="1" >
                <xsd:complexType>
                  <xsd:sequence>
                    <xsd:element name="title" type="xsd:string"/>
                    <xsd:element name="first-name" type="xsd:string"/>
                    <xsd:element name="last-name" type="xsd:string"/>
                    <xsd:element name="user-data" type="xsd:string"/>
                  </xsd:sequence>
                </xsd:complexType>
                <xsd:element>
                  <xsd:complexType>
                    <xsd:sequence>
                      <xsd:element name="destination-preference" minOccurs="1" maxOccurs="1">
                        <xsd:complexType>

```

FIG.30a

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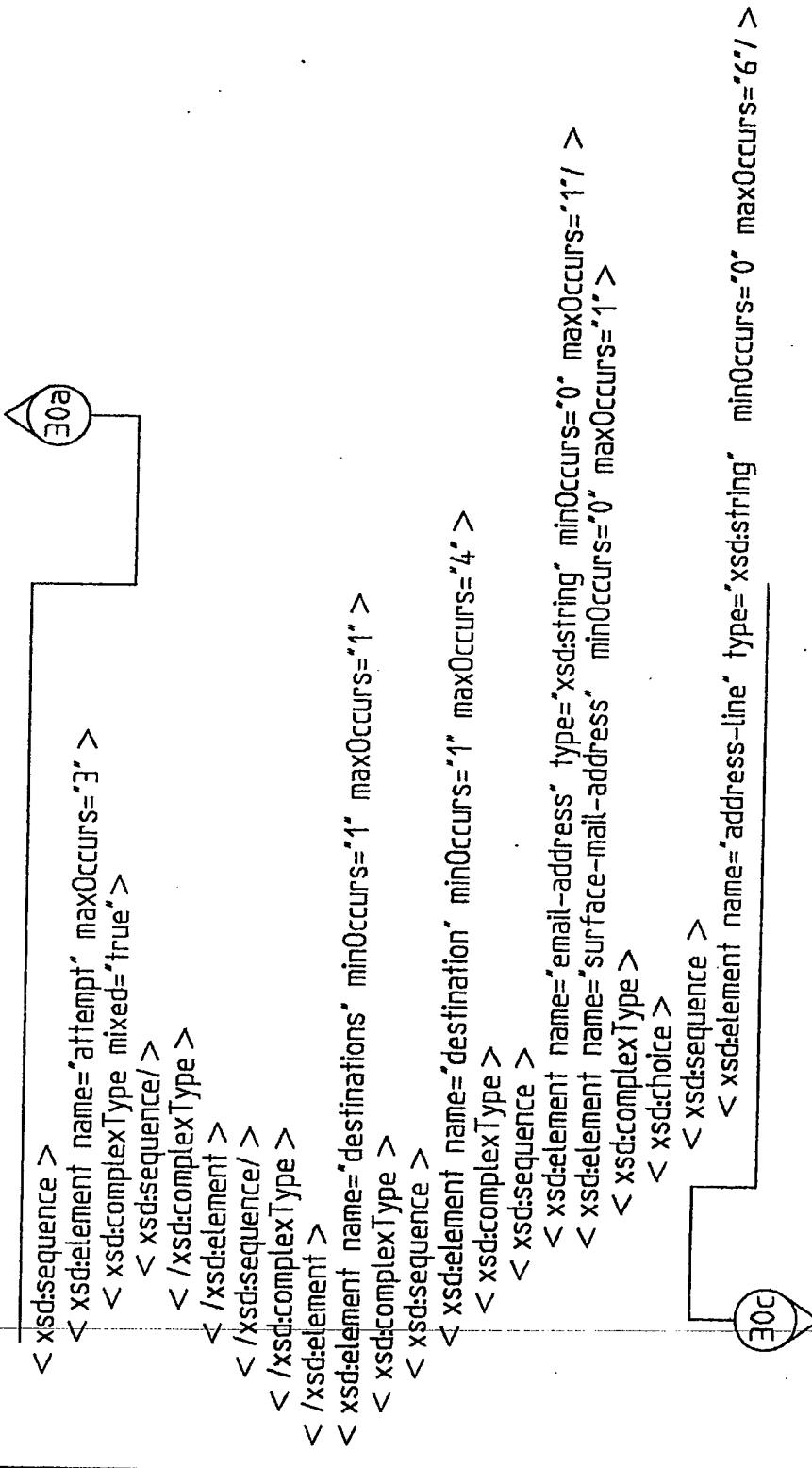


FIG.30b

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```

</xsd:sequence>
<xsd:sequence>
  <xsd:element name="street-address" type="xsd:string" minOccurs="0" maxOccurs="1" />
  <xsd:element name="city-or-suburb" type="xsd:string" minOccurs="0" maxOccurs="1" />
  <xsd:element name="state" type="xsd:string" minOccurs="0" maxOccurs="1" />
  <xsd:element name="country" type="xsd:string" minOccurs="0" maxOccurs="1" />
  <xsd:element name="postcode" type="xsd:string" minOccurs="0" maxOccurs="1" />
</xsd:sequence>
</xsd:choice>
</xsd:complexType>
</xsd:element>
<xsd:element name="phone-number" minOccurs="0" maxOccurs="2" />
<xsd:complexType>
  <xsd:attribute name="country-code" type="xsd:int" use="required" />
  <xsd:attribute name="area-code" type="xsd:int" use="required" />
  <xsd:attribute name="number" type="xsd:int" use="required" />
</xsd:complexType>
</xsd:element>
</xsd:sequence>
<xsd:attribute name="media" type="xsd:string" use="required" />
<xsd:attribute name="id" type="xsd:string" use="required" />
</xsd:attribute>

```

30b

30c

FIG.30C

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30c

```
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
<xsd:element name='recipient-data' minOccurs="0" maxOccurs="1">
<xsd:complexType mixed="true">
<xsd:sequence>
<xsd:any processContents='skip' minOccurs="0" maxOccurs="unbounded"/>
<xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:sequence>
</xsd:complexType>
</xsd:element>
</xsd:schema>
```

FIG. 30d